

Dy-O-Sn  
Dy-O-Sr  
Dy-O-Sr-Ta  
Dy-O-Sr-U  
Dy-O-Ta  
Dy-O-Ta-Ti  
Dy-O-Tc  
Dy-O-Te  
Dy-O-Th-U  
Dy-O-Ti  
Dy-O-Ti-W  
Dy-O-Ti-Zr  
Dy-O-Tl-W  
Dy-O-U  
Dy-O-V  
Dy-O-W  
Dy-O-Zr  
Dy-P  
Dy-P-S  
Er-Eu-Fe-Ga-O  
Er-Eu-Fe-O  
Er-F  
Er-F-Fe-Mn-O  
Er-F-Fe-Ni-O  
Er-F-H-K-O  
Er-F-H-N  
Er-F-H-N-O  
Er-F-H-O  
Er-F-K  
Er-F-La  
Er-F-Li  
Er-F-Na  
Er-F-Na-Rb  
Er-F-O  
Er-F-S  
Er-F-Se  
Er-Fe-Gd-O  
Er-Fe-La-O  
Er-Fe-Nd-O  
Er-Fe-O  
Er-Fe-O-Pr  
Er-Fe-O-Sb  
Er-Fe-O-Sc  
Er-Fe-O-Sm  
Er-Fe-O-Y  
Er-Ga-Nd-O  
Er-Ga-O  
Er-Ga-O-Pr  
Er-Ge-Li-O  
Er-Ge-Mo-O  
Er-Ge-Na-O  
Er-Ge-Ni-O  
Er-Ge-O  
Er-Ge-O-Sr  
Er-Ge-O-Ti  
Er-H-I-O  
Er-H-Mn-O-Si  
Er-H-Mo-O-Rb  
Er-H-O  
Er-H-O-P  
Er-H-O-P-Y  
Er-H-O-Pb-Si  
Er-H-O-Re

Er-H-O-S  
Er-H-O-Se  
Er-H-O-Si-Sr  
Er-Hf-O  
Er-Ho-O-P  
Er-In-O  
Er-Ir-O  
Er-I  
Er-I-O  
Er-I-S  
Er-K-Mo-O  
Er-K-O  
Er-K-O-W  
Er-La-Mo-Na-O  
Er-La-Mo-Na-O-W  
Er-La-O  
Er-La-O-Zr  
Er-Li-Mo-O  
Er-Li-O  
Er-Li-O-S  
Er-Li-O-Si  
Er-Li-O-Te  
Er-Li-O-W  
Er-Mg-Na-O-V  
Er-Mg-O  
Er-Mg-O-Si  
Er-Mn-O  
Er-Mn-O-Si  
Er-Mo-Na-Nd-O  
Er-Mo-Na-O  
Er-Mo-Na-O-Pr  
Er-Mo-Na-O-Pr-W  
Er-Mo-O  
Er-Mo-O-Rb  
Er-Mo-O-Ti  
Er-N  
Er-N-O-Si  
Er-Na-O  
Er-Na-O-S  
Er-Na-O-Si  
Er-Na-O-W  
Er-Nb-O  
Er-Nb-O-Sm  
Er-Nb-O-Sr  
Er-Nb-O-Ti  
Er-Nd-O-Ta-Ti  
Er-Ni-O  
Er-Np-O  
Er-O  
Er-O-P  
Er-O-P-Sc  
Er-O-P-Tm  
Er-O-Pa  
Er-O-Pb  
Er-O-Pb-Si  
Er-O-Pd  
Er-O-Pt  
Er-O-Rb  
Er-O-Rb-W  
Er-O-Re  
Er-O-Re-Sr  
Er-O-Rh  
Er-O-Ru

Er-O-S  
Er-O-Sb  
Er-O-Sb-Sr  
Er-O-Sc-V  
Er-O-Se  
Er-O-Si  
Er-O-Si-Sr  
Er-O-Sn  
Er-O-Sr  
Er-O-Sr-Ta  
Er-O-Sr-U  
Er-O-Ta  
Er-O-Ta-Ti  
Er-O-Tb  
Er-O-Tc  
Er-O-Te  
Er-O-Ti  
Er-O-Ti-W  
Er-O-Ti-Zr  
Er-O-U  
Er-O-V  
Er-O-V-Y  
Er-O-W  
Er-O-Yb  
Er-O-Zr  
Er-P  
Er-P-S  
Eu-F  
Eu-F-Fe-Ni-O  
Eu-F-H-O  
Eu-F-K  
Eu-F-La  
Eu-F-Li  
Eu-F-Li-Mo-O  
Eu-F-Mo-Na-O  
Eu-F-Na  
Eu-F-O  
Eu-F-S  
Eu-F-Th  
Eu-Fe-Ga-O  
Eu-Fe-Gd-O  
Eu-Fe-Ho-O  
Eu-Fe-Lu-O  
Eu-Fe-O  
Eu-Fe-O-Sb  
Eu-Fe-O-Sr  
Eu-Fe-O-Ti  
Eu-Fe-O-Tm  
Eu-Fe-O-Y  
Eu-Fe-O-Yb  
Eu-Ga-O  
Eu-Gd-O  
Eu-Gd-O-P  
Eu-Ge-H-Na-O  
Eu-Ge-Li-O  
Eu-Ge-Na-O  
Eu-Ge-Ni-O  
Eu-H-I-O  
Eu-H-K-O-S  
Eu-H-N  
Eu-H-N-O-S  
Eu-H-O  
Eu-H-O-P

Eu-H-O-Re  
Eu-H-O-S  
Eu-H-O-S-Se  
Eu-H-O-Se  
Eu-Hf-O  
Eu-In-O  
Eu-Ir-O  
Eu-I  
Eu-I-O  
Eu-K-Mo-O  
Eu-K-Nb-O  
Eu-K-O  
Eu-K-O-Si  
Eu-K-O-W  
Eu-La-O-S  
Eu-Li-Mo-O  
Eu-Li-O  
Eu-Li-O-S  
Eu-Li-O-Si  
Eu-Li-O-Sr  
Eu-Li-O-Te  
Eu-Li-O-W  
Eu-Lu-O  
Eu-Mg-Na-O-V  
Eu-Mn-O  
Eu-Mn-O-Ti  
Eu-Mo-Na-O  
Eu-Mo-O  
Eu-Mo-O-Pb  
Eu-Mo-O-Pb-W  
Eu-Mo-O-Rb  
Eu-Mo-O-Sr  
Eu-Mo-O-Sr-W  
Eu-Mo-O-Ti  
Eu-N  
Eu-Na-O  
Eu-Na-O-Si  
Eu-Na-O-W  
Eu-Nb-O  
Eu-Nb-O-Sm  
Eu-Nb-O-Sr  
Eu-Nb-O-Ti  
Eu-Nd-O  
Eu-Ni-O  
Eu-Np-O  
Eu-O  
Eu-O-P  
Eu-O-P-Si-Sr  
Eu-O-P-Sm  
Eu-O-P-Y  
Eu-O-Pa  
Eu-O-Pb  
Eu-O-Pt  
Eu-O-Pu  
Eu-O-Re  
Eu-O-Rh  
Eu-O-Ru  
Eu-O-S  
Eu-O-Sb  
Eu-O-Sc  
Eu-O-Se  
Eu-O-Si  
Eu-O-Sm-Th

Eu-O-Sn  
Eu-O-Sr  
Eu-O-Sr-Ta  
Eu-O-Sr-U  
Eu-O-Sr-W  
Eu-O-Ta  
Eu-O-Te  
Eu-O-Th  
Eu-O-Ti  
Eu-O-Ti-W  
Eu-O-Tl  
Eu-O-U  
Eu-O-V  
Eu-O-W  
Eu-O-Zr  
Eu-P  
F-Fe  
F-Fe-Gd-Mn-O  
F-Fe-Gd-Ni-O  
F-Fe-Gd-O  
F-Fe-Ge-H-O  
F-Fe-H-Hf-O  
F-Fe-H-K-Mg-Mn-Na-O-Si-Ti  
F-Fe-H-Mg-O-Si  
F-Fe-H-Mg-O-Si-Ti  
F-Fe-H-N  
F-Fe-H-N-O-S  
F-Fe-H-N-Zr  
F-Fe-H-Na-O  
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F-Fe-H-O-Sn  
F-Fe-H-O-Ti  
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F-Fe-Ho-Mn-O  
F-Fe-Ho-Ni-O  
F-Fe-K  
F-Fe-K-Na  
F-Fe-K-Rb  
F-Fe-La-Ni-O  
F-Fe-Li  
F-Fe-Li-Mg  
F-Fe-Li-Na  
F-Fe-Li-Nb-O  
F-Fe-Li-Nb-O-Ta  
F-Fe-Li-Ni  
F-Fe-Li-O-Ta  
F-Fe-Li-Rb  
F-Fe-Li-Zn  
F-Fe-Mg  
F-Fe-Mg-Na  
F-Fe-Mg-Na-O-Si  
F-Fe-Mg-O  
F-Fe-Mn-Na  
F-Fe-Mn-O  
F-Fe-Mn-O-P  
F-Fe-Mn-O-Tb  
F-Fe-Mn-O-Y  
F-Fe-Na  
F-Fe-Na-Ni  
F-Fe-Na-Rb  
F-Fe-Nd-Ni-O

F-Fe-Ni-O  
F-Fe-Ni-O-Pr  
F-Fe-Ni-O-Sm  
F-Fe-Ni-O-Tb  
F-Fe-Ni-O-Tm  
F-Fe-Ni-O-Y  
F-Fe-Ni-O-Yb  
F-Fe-Ni-Rb  
F-Fe-O  
F-Fe-O-Sr  
F-Fe-O-Ti  
F-Fe-O-V  
F-Fe-O-Y  
F-Fe-O-Y-Zn  
F-Fe-O-Zn  
F-Fe-O-Zr  
F-Fe-Pb  
F-Fe-Rb  
F-Fe-Sr  
F-Fe-Tl  
F-Fe-Zr  
F-Ga  
F-Ga-H-N  
F-Ga-H-N-Rh  
F-Ga-H-N-Zr  
F-Ga-H-O  
F-Ga-K  
F-Ga-K-Li  
F-Ga-K-Na  
F-Ga-K-Rb  
F-Ga-K-Tl  
F-Ga-Li  
F-Ga-Li-Mg  
F-Ga-Li-Na  
F-Ga-Li-Ni  
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F-Ga-Li-Sr  
F-Ga-Mg-Na  
F-Ga-Mg-O  
F-Ga-Na  
F-Ga-Na-Rb  
F-Ga-Na-Tl  
F-Ga-Pb  
F-Ga-Pb-Sr  
F-Ga-Rb  
F-Ga-Sr  
F-Ga-Tl  
F-Gd  
F-Gd-H-K-O  
F-Gd-H-O  
F-Gd-K  
F-Gd-La  
F-Gd-Li  
F-Gd-Na  
F-Gd-O  
F-Gd-S  
F-Gd-Se  
F-Gd-Sr  
F-Ge  
F-Ge-H-K-Nd-O  
F-Ge-H-K-O-Yb  
F-Ge-H-Li-Mg-O  
F-Ge-H-Mg-O

F-Ge-H-N  
F-Ge-H-Ni-O  
F-Ge-H-O-Sm  
F-Ge-H-O-Y  
F-Ge-H-O-Zn  
F-Ge-K  
F-Ge-K-Li-Mg-O  
F-Ge-Li  
F-Ge-Li-Mg-O  
F-Ge-Mg-O  
F-Ge-Na  
F-Ge-O-Pb-S  
F-Ge-O-Pb-Se  
F-Ge-O-S-Sr  
F-Ge-Pd  
F-Ge-Rb  
F-H  
F-H-Hf-N  
F-H-Hf-Ni-O  
F-H-Hf-O  
F-H-Hf-O-Zn  
F-H-Hg-N  
F-H-Hg-N-O  
F-H-Hg-O  
F-H-Hg-O-Si  
F-H-Ho-N  
F-H-Ho-O  
F-H-In-N  
F-H-In-N-Na  
F-H-In-N-Zr  
F-H-In-O  
F-H-Ir-N  
F-H-K  
F-H-K-Mn-O  
F-H-K-Mo-O  
F-H-K-Nb-O  
F-H-K-Ni-O-V  
F-H-K-O  
F-H-K-O-P  
F-H-K-O-Pu  
F-H-K-O-Sb  
F-H-K-O-Sn  
F-H-K-O-Ta  
F-H-K-O-Tb  
F-H-K-O-Te  
F-H-K-O-U  
F-H-K-Pb  
F-H-K-Sn  
F-H-La-O  
F-H-Li  
F-H-Li-Mg-Na-O-Si  
F-H-Li-Mg-O-Si  
F-H-Li-Mg-O-Si-Sr  
F-H-Li-N-Si  
F-H-Lu-O  
F-H-Me-O-Si  
F-H-Mg-N  
F-H-Mg-Na-Ni-O-Si  
F-H-Mg-O-Si  
F-H-Mg-O-Sn  
F-H-Mg-O-Ti  
F-H-Mn-N  
F-H-Mn-N-O-S

F-H-Mn-N-Rh  
F-H-Mn-N-Zn  
F-H-Mn-Na-O-Si-Ti-Zr  
F-H-Mn-O  
F-H-Mn-O-Si  
F-H-Mn-O-Sn  
F-H-Mn-O-Ti  
F-H-Mn-O-U  
F-H-Mo-N  
F-H-Mo-N-O  
F-H-Mo-Ni-O  
F-H-Mo-O-Zn  
F-H-N  
F-H-N-Na-Sc  
F-H-N-Na-Tl  
F-H-N-Nb  
F-H-N-Nb-O  
F-H-N-Nd-O  
F-H-N-Ni  
F-H-N-Ni-O-S  
F-H-N-Ni-P  
F-H-N-Np  
F-H-N-O  
F-H-N-O-P  
F-H-N-O-Pb-Sn  
F-H-N-O-Pu  
F-H-N-O-Rh-Sc  
F-H-N-O-S  
F-H-N-O-Si  
F-H-N-O-Sn-Sr  
F-H-N-O-Ta  
F-H-N-O-Ti  
F-H-N-O-U  
F-H-N-O-V  
F-H-N-P  
F-H-N-P-Ru  
F-H-N-Pa  
F-H-N-Pb  
F-H-N-Pu  
F-H-N-Re  
F-H-N-Rh-Sc  
F-H-N-Sb  
F-H-N-Sc  
F-H-N-Si  
F-H-N-Sn  
F-H-N-Ta  
F-H-N-Tc  
F-H-N-Th  
F-H-N-Ti  
F-H-N-Tm  
F-H-N-U  
F-H-N-V  
F-H-N-V-Zr  
F-H-N-Zn  
F-H-N-Zr  
F-H-Na  
F-H-Na-O-P  
F-H-Na-O-Sb  
F-H-Na-O-Te  
F-H-Na-O-V  
F-H-Na-Ti  
F-H-Nb-O  
F-H-Nb-O-Pb-Si-Ti-U

F-H-Nb-O-Ta-Ti-U  
F-H-Nb-O-Zn  
F-H-Nd-O  
F-H-Ni-O-Si  
F-H-Ni-O-Sn  
F-H-Ni-O-Ti  
F-H-Ni-O-U  
F-H-Ni-O-Zr  
F-H-O-P  
F-H-O-Pr  
F-H-O-Pu  
F-H-O-Pu-Rb  
F-H-O-R-Si-Ti-Y  
F-H-O-Rb  
F-H-O-Rb-U  
F-H-O-Rb-V  
F-H-O-S  
F-H-O-Si-Zn  
F-H-O-Sm  
F-H-O-Sn-Zn  
F-H-O-Ta  
F-H-O-Tb  
F-H-O-Te  
F-H-O-Th  
F-H-O-Ti-Zn  
F-H-O-Tl  
F-H-O-Tl-V  
F-H-O-U  
F-H-O-U-Zn  
F-H-O-V  
F-H-O-W  
F-H-O-Y  
F-H-O-Yb  
F-H-O-Zn  
F-H-O-Zn-Zr  
F-H-O-Zr  
F-H-Rb  
F-Hf  
F-Hf-K  
F-Hf-Li  
F-Hf-Na  
F-Hf-O  
F-Hf-Rb  
F-Hf-Tl  
F-Hg  
F-Hg-K  
F-Hg-Mn  
F-Hg-N-S  
F-Hg-Pb  
F-Hg-Pd  
F-Hg-Rb  
F-Hg-S  
F-Hg-S-Si  
F-Ho  
F-Ho-K  
F-Ho-Li  
F-Ho-Na  
F-Ho-Na-Rb  
F-Ho-O  
F-Ho-S  
F-Ho-Sr  
F-In  
F-In-K

F-In-K-Na  
F-In-Li-Mg  
F-In-Li-Na  
F-In-Mg-Na  
F-In-Na

## 2 Alphabetisches Formelverzeichnis

|  |        |   |        |
|--|--------|---|--------|
| Dy-0-Sn  |        | DyVO <sub>4</sub> (I)   | e 1752 |
| Dy <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub>   | d 3197 | DyVO <sub>4</sub> (II)  | e 1753 |
| Dy-0-Sr  |        | DyVO <sub>4</sub> (III)   | e 1754 |
| (Dy <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (SrO) <sub>x</sub>                                      | b 367  | Dy-O-W  |        |
| SrDy <sub>2</sub> O <sub>4</sub>   | e 206  | Dy <sub>0,1</sub> WO <sub>3</sub>   | f 1578 |
| Dy-0-Sr-Ta   |        | Dy <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> (I)                                     | f 1581 |
| Sr <sub>2</sub> DyTaO <sub>6</sub>   | e 3153 | Dy <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> (II)                                    | f 1582 |
| Dy-0-Sr-U  |        | Dy <sub>2</sub> WO <sub>6</sub>   | f 1580 |
| Sr <sub>2</sub> DyUO <sub>6</sub>  | e 451  | Dy <sub>6</sub> WO <sub>12</sub>  | f 1579 |
| Sr <sub>3</sub> Dy <sub>2</sub> UO <sub>9</sub>  | e 452  | Dy-0-Zr   |        |
| Dy-0-Ta  |        | Dy <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub>  | b 838  |
| DyTaO <sub>4</sub>   | e 3150 | Dy <sub>5</sub> Zr <sub>2</sub> O <sub>11,5</sub>                                       | e 1354 |
| DyTa <sub>3</sub> O <sub>9</sub>   | e 3151 | Dy <sub>6</sub> ZrO <sub>11</sub>   | e 1353 |
| Dy <sub>2</sub> O <sub>3</sub> · (0,9 ± 0,1)DyTaO <sub>4</sub>   | b 1127 | (ZrO <sub>2</sub> ) <sub>1-x</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (I)   | b 838  |
| Dy <sub>2</sub> O <sub>3</sub> · xDyTaO <sub>4</sub>   | b 1127 | (ZrO <sub>2</sub> ) <sub>1-x</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (II)  | b 839  |
| Dy <sub>3</sub> TaO <sub>7</sub>   | e 3149 | (ZrO <sub>2</sub> ) <sub>1-x</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (III) | b 840  |
| [(Ta <sub>0,5</sub> Dy <sub>0,5</sub> O <sub>2</sub> ) <sub>1-x</sub> [DyO <sub>1,5</sub> ] <sub>x</sub> | b 1127 | Dy-P  |        |
| Dy-0-Ta-Ti   |        | DyP (I)   | c 1207 |
| DyTiTaO <sub>6</sub>   | e 3255 | DyP (II)  | c 1208 |
| Dy-0-Tc  |        | Dy-P-S  |        |
| Dy <sub>2</sub> Tc <sub>2</sub> O <sub>7</sub>   | f 2737 | DyPS  | b2855  |
| Dy-0-Te  |        |   | c 1434 |
| Dy <sub>2</sub> O <sub>2</sub> Te  | b 4487 | Er-Eu-Fe-Ga-0   |        |
| Dy <sub>2</sub> TeO <sub>6</sub>   | b 4713 | Er <sub>3-x</sub> Eu <sub>x</sub> Ga <sub>y</sub> Fe <sub>5-y</sub> O <sub>12</sub>     | f 3317 |
| Dy <sub>2</sub> Te <sub>4</sub> O <sub>11</sub>  | b 4527 | Er-Eu-Fe-O  |        |
| Dy <sub>4</sub> Te <sub>3</sub> O <sub>12</sub>  | b 4526 | Er <sub>3-x</sub> Eu <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                       | f 3316 |
| Dy <sub>6</sub> TeO <sub>12</sub>  | b 4712 | Er-F  |        |
| Dy-0-Th-U  |        | ErF <sub>3</sub> (I)  | a 147  |
| (Dy <sub>0,5(1-x)</sub> U <sub>0,5(1-x)</sub> Th <sub>x</sub> )O <sub>2</sub>                            | b 579  | ErF <sub>3</sub> (II)   | a 148  |
| Dy-0-Ti  |        | Er-F-Fe-Mn-0  |        |
| DyTiO <sub>3</sub>   | e 926  | ErMn <sub>0,2</sub> Fe <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                 | f 3685 |
| Dy <sub>2</sub> TiO <sub>5</sub> (I)   | e 927  | Er-F-Fe-Ni-0  |        |
| Dy <sub>2</sub> TiO <sub>5</sub> (II)  | e 928  | ErNi 'Fe' <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                              | f 3698 |
| Dy <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub>   | e 930  | Er-F-E-K-O  |        |
| Dy <sub>2</sub> Ti <sub>1+x</sub> O <sub>5+2x</sub>  | e 929  | xKF · ErF <sub>3</sub> · yH <sub>2</sub> O  | a 354  |
| Dy <sub>1-x</sub> Ti <sub>x</sub> O <sub>1,5+x/2</sub>   | b 757  | Er-F-H-N  |        |
| Dy-0-Ti-W  |        | NH <sub>4</sub> Er <sub>3</sub> F <sub>10</sub>   | a 982  |
| DyTi <sub>0,5</sub> W <sub>0,5</sub> O <sub>4</sub>  | f 1756 | Er-F-H-N-O  |        |
| Dy-0-Ti-Zr   |        | NH <sub>4</sub> F · 3 ErF <sub>3</sub> · 2H <sub>2</sub> O                              | a 355  |
| Dy <sub>0,5</sub> Ti <sub>0,25</sub> Zr <sub>0,25</sub> O <sub>1,75</sub>                                | b 893  | Er-F-H-O  |        |
| Dy-0-Tl-W  |        | Er(OH) <sub>3-3x</sub> F <sub>3x</sub>  | b 2032 |
| TlDy <sub>0,333</sub> W <sub>0,667</sub> O <sub>3</sub>  | f 1593 | Er-F-K  |        |
| Dy-O-U   |        | KEr <sub>2</sub> F <sub>7</sub>   | a 981  |
| DyUO <sub>4</sub>  | b 557  | Er-F-La   |        |
| Dy <sub>6</sub> UO <sub>12</sub>   | e 450  | La <sub>-x</sub> Er <sub>x</sub> F <sub>3</sub>   | a 150  |
| (UO <sub>2</sub> ) <sub>1-y</sub> (DyO <sub>1,5</sub> ) <sub>y</sub>                                     | b 557  | Er-F-Li   |        |
| (UO <sub>2+x'</sub> ) <sub>1-y</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>y</sub>                      | b 557  | LiErF <sub>4</sub>  | a 976  |
| (UO <sub>2+x'</sub> ) <sub>1-y</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>y</sub> (II)                 | b 558  | Er-F-Na   |        |
| (UO <sub>2+x'</sub> ) <sub>1-y</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>y</sub> (III)                | b 559  | NaErF <sub>4</sub> (I)  | a 977  |
| (UO <sub>2+x'</sub> ) <sub>1-y</sub> (Dy <sub>2</sub> O <sub>3</sub> ) <sub>y</sub> (IV)                 | e 450  | NaErF <sub>4</sub> (II)   | a 978  |
| (U <sub>1-y</sub> Dy <sub>y</sub> )O <sub>2±x</sub>  | b 557  | Na <sub>5</sub> Er <sub>9</sub> F <sub>32</sub> (I)                                     | a 979  |
| Dy-O-V   |        | Na <sub>5</sub> Er <sub>9</sub> F <sub>32</sub> (II)                                    | a 980  |
| DyVO <sub>3</sub>  | e 1751 |   |        |

## 2' Alphabetical formula index

|  |        |  |         |
|--|--------|--|---------|
| $\text{Na}_{1-x}\text{Er}_x\text{F}_{1+2x}$                                    | a 977  | <b>Er-Ge-Mo-O</b>  |         |
|  | a 979  | $\text{Er}_2\text{GeMoO}_8$                              | f 882   |
| <b>Er-F-Na-Rb</b>  |        | <b>Er-Ge-Na-O</b>  |         |
| $\text{Rb}_2\text{NaErF}_6$  | a 983  | $\text{NaErGeO}_4$                                       | d 2612  |
| <b>Er-F-O</b>  |        | $\text{Na}_4\text{Er}_2\text{Ge}_4\text{O}_{13}$         | d 2671  |
| ErOF (I)   | b 1878 | <b>Er-Ge-Ni-O</b>  |         |
| ErOF (II)  | b 1879 | $\text{Er}_3\text{Ni}_{2,5}\text{Ge}_{2,5}\text{O}_{12}$ | d 3012  |
| ErOF (III)   | b 1880 | <b>Er-Ge-O</b>   |         |
| $\text{ErO}_{1-x}\text{F}_{1+2x}$  | b 1880 | $\text{Er}_2\text{GeO}_5$                                | d 2667  |
| $\text{Er}_{20}\text{O}_{16}\text{F}_{28}$                                     | b 1880 | $\text{Er}_2\text{Ge}_2\text{O}_7$ (I)                   | d 2668  |
| <b>Er-F-S</b>  |        | $\text{Er}_2\text{Ge}_2\text{O}_7$ (II)                  | d 2669  |
| ErSF (I)   | b 2937 | <b>Er-Ge-O-Sr</b>  |         |
| ErSF (II)  | b 2938 | $\text{Sr}_3\text{Er}_2(\text{GeO}_4)_3$                 | d 2674  |
| <b>Er-F-Se</b>   |        | <b>Er-Ge-O-Ti</b>  |         |
| ErSeF (III)  | b 4157 | $\text{Er}_2(\text{Ti}_{1-x}\text{Ge}_x)_2\text{O}_7$    | d 2800  |
| <b>Er-Fe-Gd-O</b>  |        | <b>Er-H-J-O</b>  |         |
| $\text{Er}_x\text{Gd}_{3-x}\text{Fe}_5\text{O}_{12}$                           | f 3318 | $\text{Er}(\text{JO}_3)_3 \cdot 2\text{H}_2\text{O}$     | b 2716  |
| <b>Er-Fe-La-O</b>  |        | $\text{ErJO}_5 \cdot 4\text{H}_2\text{O}$                | b 2792  |
| $\text{Er}_{3-x}\text{La}_x\text{Fe}_5\text{O}_{12}$                           | f 3312 | <b>Er-H-Mn-O-Si</b>                                      |         |
| <b>Er-Fe-Nd-O</b>  |        | $\text{Mn}_4\text{Er}_6[(\text{SiO}_4)_6(\text{OH})_2]$  | d 1872  |
| $\text{Er}_{3-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$                           | f 3314 | <b>Er-H-Mo-O-Rb</b>                                      |         |
| <b>Er-Fe-O</b>   |        | $\text{RbEr}(\text{MoO}_4)_2 \cdot \text{H}_2\text{O}$   | f 1079  |
| ErFeO <sub>3</sub>   | f 3308 | <b>Er-H-O</b>  |         |
| $\text{Er}_3\text{Fe}_5\text{O}_{12}$  | f 3309 | Er(OH) <sub>3</sub>                                      | b 1664  |
|  | f 3318 | ErO(OH) (I)  | b 1749  |
|  | f 3319 | ErO(OH) (II)   | b 1750  |
|  | f 3675 | <b>Er-H-O-P</b>  |         |
| <b>Er-Fe-O-Pr</b>  |        | $\text{ErPO}_4 \cdot 3\text{H}_2\text{O}$                | c 2148  |
| $\text{Er}_{3-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$                           | f 3313 | <b>Er-H-O-P-Y</b>  |         |
| <b>Er-Fe-O-Sb</b>  |        | $(\text{Y,Er})\text{PO}_4 \cdot 2\text{H}_2\text{O}$     | c 2132  |
| $\text{Er}_2\text{FeSbO}_7$  | c 3180 | <b>Er-H-O-Pb-Si</b>                                      |         |
| <b>Er-Fe-O-Sc</b>  |        | $\text{Pb}_4\text{Er}_6[(\text{SiO}_4)_6(\text{OH})_2]$  | d 1813  |
| $\text{Er}_3\text{Sc}_x\text{Fe}_5-x\text{O}_{12}$                             | f 3310 | <b>Er-H-O-Re</b>   |         |
| <b>Er-Fe-O-Sm</b>  |        | $\text{Er}(\text{ReO}_4)_3 \cdot 2\text{H}_2\text{O}$    | f 2932  |
| $\text{Er}_{3-x}\text{Sm}_x\text{Fe}_5\text{O}_{12}$                           | f 3315 | $\text{Er}(\text{ReO}_4)_3 \cdot 4\text{H}_2\text{O}$    | f 2933  |
| <b>Er-Fe-O-Y</b>   |        | <b>Er-H-O-S</b>  |         |
| $\text{Er}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$                            | f 3311 | $\text{Er}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$   | b 3563  |
| <b>Er-Ga-Nd-O</b>  |        | <b>Er-H-O-Se</b>   |         |
| $\text{Nd}_3\text{Er}_2\text{Ga}_3\text{O}_{12}$                               | d 8182 | $\text{Er}_2(\text{SeO}_4)_3 \cdot 8\text{H}_2\text{O}$  | b 4375  |
| $\text{Nd}_3\text{Er}_x\text{Ga}_{2-x}\text{Ga}_3\text{O}_{12}$                | d 8184 | <b>Er-H-O-Si-Sr</b>                                      |         |
| $\text{Nd}_{-x}\text{Er}_x\text{Er}_2\text{Ga}_3\text{O}_{12}$                 | d 8185 | $\text{Sr}_4\text{Er}_6[(\text{SiO}_4)_6(\text{OH})_2]$  | d 1794  |
| $\text{Nd}_{3-x}\text{Er}_x\text{Ga}_5\text{O}_{12}$                           | d 8183 | <b>Er-Hf-O</b>   |         |
| $\text{Nd}_{3-y}\text{Er}_y\text{Er}_x\text{Ga}_{2-x}\text{Ga}_3\text{O}_{12}$ | d 8186 | $(\text{Er,Hf})_7\text{O}_{11}$                          | e 1501  |
| <b>Er-Ga-O</b>   |        | $\text{Er}_2\text{Hf}_2\text{O}_7$                       | b 925   |
| ErGaO <sub>3</sub> (I)   | d 8176 | $\text{Er}_6\text{HfO}_{11}$                             | e 1501  |
| ErGaO <sub>3</sub> (II)  | d 8177 | $(\text{HfO}_2)_{1-x}(\text{Er}_2\text{O}_3)_x$ (I)      | b 925   |
| $\text{Er}_3\text{Ga}_5\text{O}_{12}$  | d 8178 | $(\text{HfO}_2)_{1-x}(\text{Er}_2\text{O}_3)_x$ (III)    | b 926   |
| <b>Er-Ga-O-Pr</b>  |        | $(\text{HfO}_2)_{1-x}(\text{Er}_2\text{O}_3)_x$ (IV)     | b 927   |
| $\text{Pr}_3\text{Er}_2\text{Ga}_3\text{O}_{12}$                               | d 8180 | <b>Er-Ho-O-P</b>   |         |
| $\text{Pr}_3\text{Er}_x\text{Ga}_{5-x}\text{O}_{12}$                           | d 8100 | $\text{Ho}_x\text{Er}_{1-x}\text{PO}_4$                  | c 1834  |
| $\text{Pr}_{3-x}\text{Er}_x\text{Er}_2\text{Ga}_3\text{O}_{12}$                | d 8181 | <b>Er-In-O</b>   |         |
| <b>Er-Ge-Li-O</b>  |        | ErInO <sub>3</sub>                                       | b 385   |
| LiErGeO <sub>4</sub>   | d 2670 |  | (cont.) |

## 2 Alphabetisches Formelverzeichnis

|   |        |   |               |
|---|--------|---|---------------|
| ErInO <sub>3</sub> (II)   | d 8338 | <b>Er - Mg - 0 - Si</b>   |               |
| ErInO <sub>3</sub> (III)  | d 8339 | Mg <sub>2</sub> Er <sub>8</sub> [(SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> ]                          | d 672         |
| (Er <sub>2</sub> O <sub>3</sub> ) <sub>0,115</sub> (In <sub>2</sub> O <sub>3</sub> ) <sub>0,885</sub>       | d 8340 | Mg <sub>5</sub> Er <sub>6</sub> Si <sub>5</sub> O <sub>24</sub>   | d 671         |
| (Er <sub>1-x</sub> In <sub>x</sub> ) <sub>2</sub> O <sub>3</sub>  | b 385  | <b>Er - Mn - 0</b>  |               |
| <b>Er - Jr - 0</b>  |        | ErMnO <sub>3</sub> (I)  | f 2582        |
| Er <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub>  | f 4026 | ErMnO <sub>3</sub> (II)   | f 2583        |
| <b>Er - J</b>   |        | ErMn <sub>2</sub> O <sub>5</sub>  | f 2584        |
| ErJ <sub>3</sub>  | a 3599 | <b>Er - Mn - 0 - Si</b>   |               |
| <b>Er - J - O</b>   |        | Er <sub>8</sub> Mn <sub>2</sub> [(SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> ]                          | d 917         |
| Er(JO <sub>3</sub> ) <sub>3</sub>   | b 2672 | <b>Er - Mo - Na - Nd - 0</b>  |               |
| ErOJ  | b 2435 | Na <sub>1,55</sub> Nd <sub>17,2</sub> Er <sub>1,55</sub> Mo <sub>11,7</sub> O <sub>64</sub>                 | f 791         |
| <b>Er - J - S</b>   |        | <b>Er - Mo - Na - 0</b>   |               |
| ErSJ  | b 3020 | NaEr(MoO <sub>4</sub> ) <sub>2</sub>  | f 775         |
| <b>Er - K - MO - 0</b>  |        | Na <sub>5</sub> Er(MoO <sub>4</sub> ) <sub>4</sub>  | f 774         |
| KEr(MoO <sub>4</sub> ) <sub>2</sub>   | f 779  | <b>Er - Mo - Na - O - h</b>   |               |
| K <sub>5</sub> Er(MoO <sub>4</sub> ) <sub>4</sub> (I)   | f 776  | Na <sub>1,55</sub> Pr <sub>17,2</sub> Er <sub>1,55</sub> Mo <sub>11,7</sub> O <sub>64</sub>                 | f 790         |
| K <sub>5</sub> Er(MoO <sub>4</sub> ) <sub>4</sub> (II)  | f 777  | <b>Er - Mo - Na - 0 - Pr - W</b>  |               |
| K <sub>5</sub> Er(MoO <sub>4</sub> ) <sub>4</sub> (III)   | f 778  | Na <sub>1,55</sub> Er <sub>1,55</sub> Pr <sub>17,2</sub> Mo <sub>8,6</sub> W <sub>3,1</sub> O <sub>64</sub> | f 1982        |
| <b>Er - K - O</b>   |        | <b>Er - Mo - O</b>  |               |
| KErO <sub>2</sub>   | e 221  | Er <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub>  | f 772         |
| <b>Er - K - O - W</b>   |        | Er <sub>2</sub> MoO <sub>6</sub>  | f 771         |
| KEr(WO <sub>4</sub> ) <sub>2</sub> (I)  | f 1622 | Er <sub>6</sub> MoO <sub>12</sub> (I)   | f 769         |
| KEr(WO <sub>4</sub> ) <sub>2</sub> (II)   | f 1623 | Er <sub>6</sub> MoO <sub>12</sub> (II)  | f 770         |
| <b>Er - La - Mo - Na - 0</b>  |        | <b>Er - Mo - 0 - Rb</b>   |               |
| Na <sub>1,55</sub> La <sub>17,2</sub> Er <sub>1,55</sub> Mo <sub>11,7</sub> O <sub>64</sub>                 | f 789  | RbEr(MoO <sub>4</sub> ) <sub>2</sub> (I)  | f 781         |
| <b>Er - La - Mo - Na - O - W</b>  |        | RbEr(MoO <sub>4</sub> ) <sub>2</sub> (II)   | f 782         |
| Na <sub>1,55</sub> Er <sub>1,55</sub> La <sub>17,2</sub> Mo <sub>8,6</sub> W <sub>3,1</sub> O <sub>64</sub> | f 1981 | RbEr(MoO <sub>4</sub> ) <sub>2</sub> (III)  | f 783         |
| <b>Er - La - O</b>  |        | Rb <sub>5</sub> Er(MoO <sub>4</sub> ) <sub>4</sub> (II)   | f 780         |
| LaErO <sub>3</sub> (II)   | e 226  | <b>Er - Mo - 0 - Ti</b>   |               |
| (La <sub>1-x</sub> Er <sub>x</sub> ) <sub>2</sub> O <sub>3</sub>  | b 386  | ErTi <sub>0,5</sub> Mo <sub>0,5</sub> O <sub>4</sub>  | f 906         |
|   | e 226  | <b>Er - N</b>   |               |
| <b>Er - La - 0 - Zr</b>   |        | ErN   | c 114         |
| La <sub>x</sub> Er <sub>y</sub> Zr <sub>1-x-y</sub> O <sub>2-0,5(x+y)</sub>                                 | b 848  | <b>Er - N - 0 - Si</b>  |               |
| <b>Er - Li - MO - 0</b>   |        | Er <sub>2</sub> O <sub>3</sub> · Si <sub>3</sub> N <sub>4</sub>   | d 2126        |
| LiEr(MoO <sub>4</sub> ) <sub>2</sub>  | f 773  | Er <sub>2</sub> Si <sub>3</sub> O <sub>3</sub> N <sub>4</sub>   | d 2126        |
| <b>Er - Li - 0</b>  |        | Er <sub>4</sub> Si <sub>2</sub> O <sub>7</sub> N <sub>2</sub>   | d 2127        |
| LiErO <sub>2</sub>  | e 219  | <b>Er - Na - 0</b>  |               |
| <b>Er - Li - O - S</b>  |        | NaErO <sub>2</sub> (II)   | e 220         |
| LiEr(SO <sub>4</sub> ) <sub>2</sub> (II)  | b 3321 | <b>Er - Na - O - S</b>  |               |
| <b>Er - Li - 0 - Si</b>   |        | NaEr(SO <sub>4</sub> ) <sub>2</sub>   | <b>b 3322</b> |
| LiErSiO <sub>4</sub>  | d 665  | <b>Er - Na - 0 - Si</b>   |               |
| LiEr <sub>9</sub> [(SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> ]  | d 666  | NaErSiO <sub>4</sub> (I)  | d 668         |
| <b>Er - Li - 0 - Te</b>   |        | NaErSiO <sub>4</sub> (II)   | d 669         |
| Li <sub>3</sub> Er <sub>3</sub> Te <sub>2</sub> O <sub>12</sub>   | b 4721 | NaEr <sub>9</sub> [(SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> ]  | d 670         |
| <b>Er - Li - O - W</b>  |        | Na <sub>3</sub> ErSi <sub>2</sub> O <sub>7</sub>  | d 667         |
| LiEr(WO <sub>4</sub> ) <sub>2</sub> (I)   | f 1617 | <b>Er - Na - O - W</b>  |               |
| LiEr(WO <sub>4</sub> ) <sub>2</sub> (II)  | f 1618 | NaEr(WO <sub>4</sub> ) <sub>2</sub>   | f 1621        |
| LiEr(WO <sub>4</sub> ) <sub>2</sub> (III)   | f 1619 | Na <sub>5</sub> Er(WO <sub>4</sub> ) <sub>4</sub>   | f 1620        |
| <b>Er - Mg - Na - O - V</b>   |        | <b>Er - Nb - 0</b>  |               |
| Na <sub>2</sub> Mg <sub>2</sub> ErV <sub>3</sub> O <sub>12</sub>  | e 1762 | ErNbO <sub>4</sub>  | e 2374        |
| <b>Er - Mg - 0</b>  |        | Er <sub>3</sub> NbO <sub>7</sub>  | e 2373        |
| (Er <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (MgO) <sub>x</sub> (I)                                     | b 383  | <b>Er - Nb - 0 - Sm</b>   |               |
| (Er <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (MgO) <sub>x</sub> (II)                                    | b 384  | Sm <sub>2</sub> ErNbO <sub>7</sub>  | e 2378        |



## 2 Alphabetical formula index

|  |               |  |        |
|--|---------------|--|--------|
| <b>Er-Nb-0-Sr</b>                                    |               | <b>Er-0-Re-Sr</b>                                    |        |
| $\text{Sr}_2\text{ErNbO}_6$                          | e 2376        | $\text{Sr}_2\text{ErReO}_6$                          | f 2861 |
| <b>Er-Nb-0-Ti</b>                                    |               | <b>Er-0-Rh</b>                                       |        |
| $\text{ErTiNbO}_6$ (I)                               | e 2547        | $\text{ErRhO}_3$                                     | f 3904 |
| $\text{ErTiNbO}_6$ (II)                              | e <b>2548</b> | <b>Er-0-Ru</b>                                       |        |
| <b>Er-Nd-0-Ta-Ti</b>                                 |               | $\text{Er}_2\text{Ru}_2\text{O}_7$                   | f 3846 |
| $\text{Er}_{1-x}\text{Nd}_x\text{TiTaO}_6$           | e <b>3257</b> | <b>Er-0-S</b>  |        |
| <b>Er-Ni-0</b>                                       |               | $\text{Er}_2\text{O}_2\text{S}$                      | b 3082 |
| $\text{ErNiO}_3$                                     | f 3804        | $\text{Er}_2\text{O}_2\text{SO}_4$                   | b 3757 |
| <b>Er-Np-0</b>                                       |               | <b>Er-0-Sb</b>                                       |        |
| $\text{ErNpO}_4$                                     | b 602         | $\text{Er}_3\text{SbO}_7$                            | c 3090 |
| $\text{Er}_6\text{NpO}_{12}$                         | e <b>637</b>  | <b>Er-0-Sb-Sr</b>                                    |        |
| $(\text{NpO}_{2+x})_{1-y}(\text{ErO}_{1.5})_y$ (I)   | b 603         | $\text{Sr}_2\text{ErSbO}_6$                          | c 3092 |
| $(\text{NpO}_{2+x})_{1-y}(\text{ErO}_{1.5})_y$ (II)  | b 604         | <b>Er-0-SC-V</b>                                     |        |
| $(\text{NpO}_{2+x})_{1-y}(\text{ErO}_{1.5})_y$ (III) | e 637         | $(\text{Sc,Er})\text{VO}_4$                          | e 1763 |
| <b>Er-0</b>  |               | <b>Er-0-Se</b>                                       |        |
| $\text{Er}_2\text{O}_3$ (I)                          | b 379         | $\text{Er}_2\text{O}_2\text{Se}$                     | b 4210 |
| $\text{Er}_2\text{O}_3$ (II)                         | b 380         | $\text{Er}_4\text{O}_4\text{Se}_3$                   | b 4211 |
| $\text{Er}_2\text{O}_3$ (III)                        | b 381         | <b>Er-0-Si</b>                                       |        |
| $\text{Er}_2\text{O}_3$ (IV)                         | b 382         | $\text{Er}_2\text{SiO}_5$                            | d 660  |
| <b>Er-0-P</b>  |               | $\text{Er}_2\text{Si}_2\text{O}_7$ (I)               | d 662  |
| $\text{ErPO}_4$                                      | c 1830        | $\text{Er}_2\text{Si}_2\text{O}_7$ (II)              | d 663  |
| $\text{ErP}_5\text{O}_{14}$ (I)                      | c 1831        | $\text{Er}_2\text{Si}_2\text{O}_7$ (III)             | d 664  |
| $\text{ErP}_5\text{O}_{14}$ (II)                     | c 1832        | $\text{Er}_8(\text{SiO}_4)_6$                        | d 661  |
| <b>Er-0-P-SC</b>                                     |               | $\text{Er}_{9,333}[(\text{SiO}_4)_6\text{O}_2]$      | d 661  |
| $\text{Sc}_x\text{Er}_{1-x}\text{PO}_4$              | c 1833        | <b>Er-0-Si-Sr</b>                                    |        |
| <b>Er-0-P-Tm</b>                                     |               | $\text{Sr}_2\text{Er}_8[(\text{SiO}_4)_6\text{O}_2]$ | d 674  |
| $\text{Er}_x\text{Tm}_{1-x}\text{PO}_4$              | c 1837        | <b>Er-0-Sn</b>                                       |        |
| <b>Er-0-Pa</b>                                       |               | $\text{Er}_2\text{Sn}_2\text{O}_7$                   | d 3199 |
| $\text{Er}_{0,25}\text{Pa}_{0,75}\text{O}_{2,25}$    | b 497         | <b>Er-0-Sr</b>                                       |        |
| $\text{Er}_{0,5}\text{Pa}_{0,5}\text{O}_2$           | b 496         | $\text{SrEr}_2\text{O}_4$                            | e 224  |
| $\text{ErPaO}_4$                                     | b 496         | <b>Er-0-Sr-Ta</b>                                    |        |
| $\text{ErPa}_3\text{O}_9$                            | b 497         | $\text{Sr}_2\text{ErTaO}_6$                          | e 3166 |
| <b>Er-0-Pb</b>                                       |               | <b>Er-0-Sr-U</b>                                     |        |
| $\text{Er}_2\text{Pb}_2\text{O}_7$                   | d 3342        | $\text{Sr}_2\text{ErUO}_6$                           | e 459  |
| $(\text{PbO}_2)_{1-x}(\text{Er}_2\text{O}_3)_x$      | d 3342        | $\text{Sr}_3\text{Er}_2\text{UO}_9$                  | e 460  |
| <b>Er-0-Pb-Si</b>                                    |               | <b>Er-0-Ta</b>                                       |        |
| $\text{Er}_4\text{PbSi}_5\text{O}_{17}$              | d 769         | $\text{ErTaO}_4$                                     | e 3163 |
| $\text{Er}_6\text{Pb}_3(\text{SiO}_4)_6$             | d 768         | $\text{ErTa}_3\text{O}_9$                            | e 3164 |
| <b>Er-0-Pd</b>                                       |               | $\text{Er}_3\text{TaO}_7$                            | e 3162 |
| $\text{Er}_2\text{Pd}_2\text{O}_7$                   | f 3942        | <b>Er-0-Ta-Ti</b>                                    |        |
| <b>Er-0-Pt</b>                                       |               | $\text{ErTiTaO}_6$                                   | e 3256 |
| $\text{Er}_2\text{Pt}_2\text{O}_7$                   | f 4070        | <b>Er-0-Tb</b>                                       |        |
| <b>Er-0-Rb</b>                                       |               | $(\text{TbO}_x)_y(\text{ErO}_{1.5})_{1-y}$           | b 389  |
| $\text{RbErO}_2$                                     | e 222         | $\text{Tb}_{-x}\text{Er}_x\text{O}_3$                | b 388  |
| <b>Er-0-Rb-W</b>                                     |               | <b>Er-0-Tc</b>                                       |        |
| $\text{RbEr}(\text{WO}_4)_2$ (I)                     | f 1624        | $\text{Er}_2\text{Tc}_2\text{O}_7$                   | f 2738 |
| $\text{RbEr}(\text{WO}_4)_2$ (II)                    | f 1625        | <b>Er-0-Te</b>                                       |        |
| <b>Er-0-Re</b>                                       |               | $\text{Er}_2\text{O}_2\text{Te}$                     | b 4490 |
| $\text{Er}(\text{ReO}_4)_3$ (I)                      | f 2860        | $\text{Er}_2\text{TeO}_6$                            | b 4720 |
| $\text{Er}_2\text{ReO}_5$                            | f 2859        | $\text{Er}_2\text{Te}_4\text{O}_{11}$                | b 4529 |
| $\text{Er}_4\text{ReO}_8$                            | b 1341        | $\text{Er}_6\text{TeO}_{12}$                         | b 4719 |
| $(\text{Re}_x\text{Er}_{1-x})\text{O}_{1,5+0,5x}$    | b 1341        |  |        |

## 2 Alphabetisches Formelverzeichnis

|  |   |      |  |
|--|---|------|--|
| <b>Er - O - Ti</b>   |   |      |  |
| ErTiO <sub>3</sub>   | e | 935  |  |
| Er <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub>   | e | 936  |  |
| Er <sub>1-x</sub> Ti <sub>x</sub> O <sub>1.5+x/2</sub> (I)                                     | b | 758  |  |
| Er <sub>1-x</sub> Ti <sub>x</sub> O <sub>1.5+x/2</sub> (II)                                    | b | 759  |  |
| <b>Er - O - Ti - W</b>   |   |      |  |
| ErTi <sub>0.5</sub> W <sub>0.5</sub> O <sub>4</sub>  | f | 1758 |  |
| <b>Er - O - Ti - Zr</b>  |   |      |  |
| Er <sub>0.5</sub> (Zr <sub>0.5-x</sub> Ti <sub>x</sub> )O <sub>1.75</sub>                      | b | 894  |  |
| <b>Er - O - U</b>  |   |      |  |
| ErUO <sub>4</sub>  | b | 562  |  |
| Er <sub>6</sub> UO <sub>12</sub>   | e | 458  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (ErO <sub>1.5</sub> ) <sub>y</sub>                         | e | 458  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (ErO <sub>1.5</sub> ) <sub>y</sub> (I)                     | b | 562  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (ErO <sub>1.5</sub> ) <sub>y</sub> (II)                    | b | 563  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (ErO <sub>1.5</sub> ) <sub>y</sub> (III)                   | b | 564  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (ErO <sub>1.5</sub> ) <sub>y</sub> (IV)                    | e | 458  |  |
| (UO <sub>2+x</sub> ) <sub>1-y</sub> (Er <sub>2</sub> O <sub>3</sub> ) <sub>y</sub>             | b | 562  |  |
| (U <sub>3</sub> O <sub>8</sub> ) <sub>2</sub> (Er <sub>2</sub> O <sub>3</sub> ) <sub>1-z</sub> | b | 562  |  |
| (U <sub>1-y</sub> Er <sub>y</sub> )O <sub>2±x</sub>  | b | 562  |  |
| <b>Er - o - v</b>  |   |      |  |
| ErVO <sub>3</sub>  | e | 1759 |  |
| ErVO <sub>4</sub> (I)  | e | 1760 |  |
| ErVO <sub>4</sub> (II)   | e | 1761 |  |
| <b>Er - O - V - Y</b>  |   |      |  |
| (Er,Y)VO <sub>4</sub>  | e | 1760 |  |
| <b>Er - O - W</b>  |   |      |  |
| Er <sub>0.1</sub> WO <sub>3</sub>  | f | 1612 |  |
| Er <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub>  | f | 1616 |  |
| Er <sub>2</sub> WO <sub>6</sub>  | f | 1615 |  |
| Er <sub>6</sub> WO <sub>12</sub>   | f | 1613 |  |
| Er <sub>22</sub> W <sub>6</sub> O <sub>51</sub>  | f | 1614 |  |
| <b>Er - O - Y b</b>  |   |      |  |
| (Er <sub>1-x</sub> Yb <sub>x</sub> ) <sub>2</sub> O <sub>3</sub>                               | b | 412  |  |
| <b>Er - O - Zr</b>   |   |      |  |
| (Er,Zr) <sub>7</sub> O <sub>12</sub>   | e | 1357 |  |
| Er <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub>   | b | 846  |  |
| Er <sub>4</sub> Zr <sub>3</sub> O <sub>12</sub>  | e | 1357 |  |
| (ZrO <sub>2</sub> ) <sub>1-x</sub> (Er <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (I)          | b | 846  |  |
| (ZrO <sub>2</sub> ) <sub>1-x</sub> (Er <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (II)         | b | 847  |  |
| <b>Er - P</b>  |   |      |  |
| ErP  | c | 1210 |  |
| <b>Er - P - S</b>  |   |      |  |
| ErPS   | b | 2857 |  |
|  | c | 1435 |  |
| <b>Eu - F</b>  |   |      |  |
| EuF <sub>2</sub> (I)   | a | 122  |  |
| EuF <sub>2</sub> (II)  | a | 123  |  |
| EuF <sub>3</sub> (I)   | a | 124  |  |
| EuF <sub>3</sub> (II)  | a | 125  |  |
| EuF <sub>y</sub>   | a | 122  |  |
| EuF <sub>2+x</sub>   | a | 122  |  |
| <b>Eu - F - Fe - Ni - O</b>  |   |      |  |
| EuNi <sub>0.5</sub> Fe <sub>0.5</sub> <sup>III</sup> O <sub>2.8</sub> F <sub>0.2</sub>         | f | 3693 |  |
| <b>Eu - F - H - O</b>  |   |      |  |
| Eu(OH) <sub>3-3x</sub> F <sub>3x</sub>   | b | 2027 |  |
| <b>Eu - F - K</b>  |   |      |  |
| KEu <sub>2</sub> F <sub>7</sub>  | a | 931  |  |
| <b>Eu - F - La</b>   |   |      |  |
| La <sub>x</sub> Eu <sub>x</sub> F <sub>3</sub>   | a | 126  |  |
| <b>Eu - F - Li</b>   |   |      |  |
| LiEuF <sub>4</sub>   | a | 927  |  |
| <b>Eu - F - Li - MO - O</b>  |   |      |  |
| LiEu <sub>4</sub> Mo <sub>3</sub> O <sub>15</sub> F  | f | 1192 |  |
| <b>Eu - F - Mo - Na - O</b>  |   |      |  |
| NaEu <sub>4</sub> Mo <sub>3</sub> O <sub>15</sub> F  | f | 1193 |  |
| <b>Eu - F - Na</b>   |   |      |  |
| NaEuF <sub>4</sub> (I)   | a | 928  |  |
| NaEuF <sub>4</sub> (II)  | a | 929  |  |
| Na <sub>5</sub> Eu <sub>9</sub> F <sub>32</sub>  | a | 930  |  |
| Na <sub>1-x</sub> Eu <sub>x</sub> F <sub>1+2x</sub>  | a | 928  |  |
|  | a | 930  |  |
| <b>Eu - F - O</b>  |   |      |  |
| EuOF (II)  | b | 1860 |  |
| EuOF (II')   | b | 1861 |  |
| Eu <sup>III</sup> (O,F) <sub>x</sub> (I)   | b | 1859 |  |
| Eu <sup>III</sup> (O,F) <sub>x</sub> (II)  | b | 1860 |  |
| Eu <sup>III</sup> (O,F) <sub>x</sub> (III)   | b | 1862 |  |
| Eu <sup>III</sup> (O,F) <sub>2.25</sub> (III')   | b | 1863 |  |
| Eu <sup>III</sup> (O,F) <sub>x</sub> (IV)  | b | 1864 |  |
| Eu <sub>4</sub> O <sub>3</sub> F <sub>6</sub>  | b | 1863 |  |
| <b>Eu - F - S</b>  |   |      |  |
| EuSF   | b | 2931 |  |
| <b>Eu - F - T b</b>  |   |      |  |
| EuThF <sub>6</sub>   | a | 1064 |  |
| <b>Eu - Fe - Ga - O</b>  |   |      |  |
| Eu <sub>3</sub> Ga <sub>3</sub> Fe <sub>5-x</sub> O <sub>12</sub>                              | f | 3263 |  |
| <b>Eu - Fe - G d - O</b>   |   |      |  |
| Gd <sub>3-x</sub> Eu <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                              | f | 3280 |  |
| <b>Eu - Fe - Ho - O</b>  |   |      |  |
| Ho <sub>x</sub> Eu <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                | f | 3307 |  |
| <b>Eu - Fe - Lu - O</b>  |   |      |  |
| Lu <sub>x</sub> Eu <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                | f | 3344 |  |
| <b>Eu - Fe - O</b>   |   |      |  |
| EuFeO <sub>3</sub>   | f | 3256 |  |
| Eu <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub>  | f | 3257 |  |
| <b>Eu - Fe - O - S b</b>   |   |      |  |
| Eu <sub>2</sub> FeSbO <sub>7</sub>   | c | 3175 |  |
| <b>Eu - Fe - O - S r</b>   |   |      |  |
| SrEuFeO <sub>4</sub>   | f | 3258 |  |
| SrEu <sub>2</sub> Fe <sub>2</sub> O <sub>7</sub>   | f | 3259 |  |
| <b>Eu - Fe - O - Ti</b>  |   |      |  |
| EuFeTiO <sub>5</sub>   | e | 1165 |  |

## 2 Alphabetical formula index

|  |        |  |   |        |
|--|--------|--|---|--------|
| <b>Eu-Fe-0-Tm</b>  |        |  | <b>Eu-H-O-Se</b>  |        |
| Tm, $_{-x}\text{Eu}_x\text{Fe}_5\text{O}_{12}$                                 | f 3327 |  | $\text{Eu}_2(\text{SeO}_4)_3 \cdot 8\text{H}_2\text{O}$ | b 4370 |
| <b>Eu-Fe-O-Y</b>   |        |  | <b>Eu-Hf-0</b>  |        |
| $\text{Eu}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$                            | f 3264 |  | $(\text{EuO}_{1,5})_x(\text{HfO}_2)_{1-x}$              | e 1496 |
| <b>Eu-Fe-0-Yb</b>  |        |  | $\text{Eu}_2\text{Hf}_2\text{O}_7$                      | b 916  |
| $\text{Yb}_{3-x}\text{Eu}_x\text{Fe}_5\text{O}_{12}$                           | f 3336 |  |   | e 1496 |
| <b>Eu-Ga-0</b>   |        |  | $(\text{HfO}_2)_{1-x}(\text{EuO}_{1,5})_x(\text{I})$    | b 916  |
| $\text{EuGaO}_3(\text{I})$   | d 8137 |  | $(\text{HfO}_2)_{1-x}(\text{EuO}_{1,5})_x(\text{II})$   | e 1496 |
| $\text{EuGaO}_3(\text{II})$  | d 8138 |  | <b>Eu-In-0</b>  |        |
| $\text{Eu}_3\text{Ga}_5\text{O}_{12}$  | d 8139 |  | $\text{EuInO}_3(\text{I})$                              | d 8326 |
| <b>Eu-Gd-0</b>   |        |  | $\text{EuInO}_3(\text{II})$                             | d 8327 |
| $\text{EuGd}_2\text{O}_4$  | e 180  |  | <b>Eu-Ir-0</b>  |        |
| <b>Eu-Gd-O-P</b>   |        |  | $\text{Eu}_2\text{Ir}_2\text{O}_7$                      | f 4021 |
| $\text{Eu},_{-x}\text{Gd}_x\text{PO}_4$  | c 1817 |  | <b>Eu-J</b>   |        |
| <b>Eu-Ge-H-Na-0</b>  |        |  | $\text{EuJ}_2(\text{I})$                                | a 3592 |
| $\text{NaEu}_3[(\text{GeO}_4)_2(\text{OH})_2]$                                 | d 3096 |  | $\text{EuJ}_2(\text{II})$                               | a 3593 |
| $\text{NaEu}_4(\text{GeO}_4)_2\text{O}_2(\text{OH})$                           | d 3095 |  | <b>Eu-J-O</b>   |        |
| <b>Eu-Ge-Li-0</b>  |        |  | $\text{Eu}(\text{JO}_3)_3$                              | b 2667 |
| $\text{LiEuGeO}_4$   | d 2633 |  | $\text{EuOJ}$   | b 2434 |
| <b>Eu-Ge-Na-0</b>  |        |  | <b>Eu-K-MO-O</b>  |        |
| $\text{NaEuGeO}_4(\text{I})$   | d 2634 |  | $\text{KEu}(\text{MoO}_4)_2(\text{I})$                  | f 666  |
| $\text{NaEuGeO}_4(\text{II})$  | d 2635 |  | $\text{KEu}(\text{MoO}_4)_2(\text{II})$                 | f 667  |
| $\text{Na}_x\text{Eu}_y\text{Ge}_p\text{O}_9$                                  | d 2628 |  | $\text{K}_5\text{Eu}(\text{MoO}_4)_4(\text{I})$         | f 664  |
| <b>Eu-Ge-Ni-0</b>  |        |  | $\text{K}_5\text{Eu}(\text{MoO}_4)_4(\text{II})$        | f 665  |
| $\text{Eu}_3\text{Ni}_{2,5}\text{Ge}_{2,5}\text{O}_{12}$                       | d 3006 |  | <b>Eu-K-Nb-0</b>  |        |
| <b>Eu-H-J-O</b>  |        |  | $\text{K}_2\text{EuNb}_5\text{O}_{15}$                  | e 2332 |
| $\text{Eu}(\text{JO}_3)_3 \cdot 2\text{H}_2\text{O}$                           | b 2711 |  | <b>Eu-K-O</b>   |        |
| $\text{EuJO}_5 \cdot 4\text{H}_2\text{O}$                                      | b 2787 |  | $\text{KEuO}_2$   | e 164  |
| <b>Eu-H-K-O-S</b>  |        |  | <b>Eu-K-0-Si</b>  |        |
| $\text{KEu}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$                           | b 3547 |  | $\text{K}_3\text{EuSi}_2\text{O}_7$                     | d 615  |
| $\text{K}_6\text{Eu}_4(\text{SO}_4)_9 \cdot 8\text{H}_2\text{O}$               | b 3548 |  | <b>Eu-K-O-W</b>   |        |
| <b>Eu-H-N</b>  |        |  | $\text{KEu}(\text{WO}_4)_2(\text{I})$                   | f 1548 |
| $\text{Eu}(\text{NH}_2)_2$   | c 29   |  | $\text{KEu}(\text{WO}_4)_2(\text{II})$                  | f 1549 |
| $\text{Eu}(\text{NH}_3)_6$   | c 14   |  | <b>Eu-La-O-S</b>  |        |
| <b>Eu-H-N-O-S</b>  |        |  | $(\text{La}_x\text{Eu}_{1-x})_2\text{O}_2\text{S}$      | b 3074 |
| $(\text{NH}_4)\text{Eu}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$              | b 3549 |  | <b>Eu-Li-MO-0</b>                                       |        |
| <b>Eu-H-O</b>  |        |  | $\text{LiEu}(\text{MoO}_4)_2$                           | f 661  |
| $\text{Eu}(\text{OH})_3$   | b 1659 |  | <b>Eu-Li-0</b>  |        |
| $\text{Eu}(\text{OH})_2 \cdot \text{H}_2\text{O}$                              | b 1714 |  | $\text{LiEuO}_2(\text{I})$                              | e 161  |
| $\text{EuO}(\text{OH})(\text{I})$  | b 1739 |  | $\text{LiEuO}_2(\text{II})$                             | e 162  |
| $\text{EuO}(\text{OH})(\text{II})$   | b 1740 |  | $\text{LiEu}_3\text{O}_4$                               | e 160  |
| <b>Eu-H-O-P</b>  |        |  | <b>Eu-Li-O-S</b>  |        |
| $\text{EuPO}_4 \cdot 1,5\text{H}_2\text{O}$                                    | c 2139 |  | $\text{LiEu}^{\text{III}}(\text{SO}_4)_2(\text{II})$    | b 3314 |
| $\text{Eu}_{10}(\text{PO}_4)_6(\text{OH})_2$                                   | c 2294 |  | <b>Eu-Li-0-Si</b>                                       |        |
| <b>Eu-H-0-Re</b>   |        |  | $\text{LiEuSiO}_4$                                      | d 611  |
| $\text{Eu}(\text{ReO}_4)_3 \cdot \text{H}_2\text{O}$                           | f 2922 |  | $\text{LiEu}_9[(\text{SiO}_4)_6\text{O}_2]$             | d 612  |
| $\text{Eu}(\text{ReO}_4)_3 \cdot 4\text{H}_2\text{O}$                          | f 2923 |  | <b>Eu-Li-0-Sr</b>                                       |        |
| <b>Eu-H-O-S</b>  |        |  | $\text{LiSr}_2\text{EuO}_4$                             | e 168  |
| $\text{Eu}_2(\text{SO}_4)_3 \cdot 2\text{H}_2\text{O}$                         | b 3545 |  | <b>Eu-Li-0-Te</b>                                       |        |
| $\text{Eu}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$                         | b 3546 |  | $\text{Li}_3\text{Eu}_3\text{Te}_2\text{O}_{12}$        | b 4705 |
| <b>Eu-H-O-S-Se</b>   |        |  | <b>Eu-Li-O-W</b>  |        |
| $\text{Eu}_2[(\text{SeO}_4)_x(\text{SO}_4)_{1-x}]_3 \cdot 8\text{H}_2\text{O}$ | b 4425 |  | $\text{LiEu}(\text{WO}_4)_2$                            | f 1545 |

## 2 Alphabetisches Formelverzeichnis

|  |        |  |               |
|--|--------|--|---------------|
| <b>Eu-Lu-O</b>   |        | <b>Eu<sub>3</sub>NbO<sub>7</sub> (I)</b>   | e 2328        |
| EuLu <sub>2</sub> O <sub>4</sub>   | e 254  | <b>Eu<sub>3</sub>NbO<sub>7</sub> (II)</b>  | e 2329        |
| <b>Eu-Mg-Na-O-V</b>  |        | <b>Eu-Nb-O-Sm</b>  |               |
| Na <sub>2</sub> Mg <sub>2</sub> EuV <sub>3</sub> O <sub>12</sub>                             | e 1741 | Sm <sub>2</sub> EuNbO <sub>7</sub>   | e 2337        |
| <b>Eu-Mn-O</b>   |        | <b>Eu-Nb-O-Sr</b>  |               |
| EuMnO <sub>3</sub>   | f 2570 | Sr <sub>2</sub> EuNbO <sub>6</sub>   | e 2334        |
| EuMn <sub>2</sub> O <sub>5</sub>   | f 2571 | <b>Eu-Nb-O-Ti</b>  |               |
| <b>Eu-Mn-O-Ti</b>  |        | EuTiNbO <sub>6</sub>   | e 2539        |
| EuMnTiO <sub>5</sub>   | e 1101 | <b>Eu-Nd-O</b>   |               |
| <b>Eu-Mo-Na-O</b>  |        | EuNd <sub>2</sub> O <sub>4</sub>   | e 149         |
| NaEu(MoO <sub>4</sub> ) <sub>2</sub>   | f 663  | <b>Eu-Ni-O</b>   |               |
| Na <sub>5</sub> Eu(MoO <sub>4</sub> ) <sub>4</sub>   | f 662  | EuNiO <sub>3</sub>   | <b>f 3800</b> |
| <b>Eu-MO-O</b>   |        | <b>Eu-Np-O</b>   |               |
| (Eu <sub>0,89</sub> □ <sub>0,11</sub> )(Mo <sub>0,89</sub> □ <sub>0,11</sub> )O <sub>4</sub> | f 657  | EuNpO <sub>4</sub>   | <b>b 593</b>  |
| EuMoO <sub>4</sub>   | f 655  | Eu <sub>6</sub> NpO <sub>12</sub>  | e 632         |
| Eu <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> (I)   | f 658  | (Np,Eu) <sub>7</sub> O <sub>12</sub>   | e 632         |
| Eu <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> (I')  | f 659  | (NpO <sub>2</sub> ) <sub>1-x</sub> (EuO <sub>1,5</sub> ) <sub>x</sub> (I)                                | b 594         |
| Eu <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> (II)  | f 660  | (NpO <sub>2</sub> ) <sub>1-x</sub> (EuO <sub>1,5</sub> ) <sub>x</sub> (II)                               | b 595         |
| Eu <sub>2</sub> MoO <sub>6</sub>   | f 656  | <b>Eu-O</b>  |               |
| Eu <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub>   | f 652  | EuO  | b 320         |
| Eu <sub>3</sub> Mo <sub>2</sub> O <sub>10</sub>  | f 653  | Eu <sub>2</sub> O <sub>3</sub> (III)   | b 321         |
| Eu <sub>5,3</sub> MoO <sub>11</sub>  | f 654  | Eu <sub>2</sub> O <sub>3</sub> (IV)  | b 322         |
| Eu <sub>6</sub> MoO <sub>12</sub>  | f 654  | Eu <sub>2</sub> O <sub>3</sub> (V)   | b 323         |
| <b>Eu-MO-O-W</b>   |        | Eu <sub>3</sub> O <sub>4</sub>   | b 324         |
| PbEu <sub>4</sub> Mo <sub>3</sub> O <sub>16</sub>  | f 892  | <b>Eu-O-P</b>  |               |
| <b>Eu-Mo-O-Pb-W</b>  |        | EuPO <sub>4</sub>  | c 1808        |
| PbEu <sub>4</sub> Mo <sub>2</sub> WO <sub>16</sub>   | f 1992 | EuP <sub>5</sub> O <sub>14</sub>   | c 1809        |
| <b>Eu-Mo-O-Rb</b>  |        | <b>Eu-O-P-Si-Sr</b>  |               |
| RbEu(MoO <sub>4</sub> ) <sub>2</sub> (I)   | f 670  | Sr <sub>4,5</sub> Eu <sub>4,5</sub> (SiO <sub>4</sub> ) <sub>4,5</sub> (PO <sub>4</sub> ) <sub>1,5</sub> | d 2156        |
| RbEu(MoO <sub>4</sub> ) <sub>2</sub> (II)  | f 671  | <b>Eu-O-P-Sm</b>   |               |
| Rb <sub>5</sub> Eu(MoO <sub>4</sub> ) <sub>4</sub> (I)                                       | f 668  | Sm, - <sub>x</sub> Eu <sub>x</sub> PO <sub>4</sub>   | c 1811        |
| Rb <sub>5</sub> Eu(MoO <sub>4</sub> ) <sub>4</sub> (II)                                      | f 669  | <b>Eu-O-P-Y</b>  |               |
| <b>Eu-Mo-O-Sr</b>  |        | Y <sub>1-x</sub> Eu <sub>x</sub> PO <sub>4</sub>   | c 1810        |
| SrEu <sub>6</sub> Mo <sub>4</sub> O <sub>22</sub>  | f 674  | <b>Eu-O-Pa</b>   |               |
| Sr, - <sub>x</sub> Eu <sub>x</sub> MoO <sub>4</sub>  | f 675  | Eu <sub>0,5</sub> Pa <sub>0,5</sub> O <sub>2</sub>   | b 488         |
| <b>Eu-Mo-O-Sr-W</b>  |        | EuPaO <sub>4</sub>   | b 488         |
| SrEu <sub>6</sub> Mo <sub>3</sub> WO <sub>22</sub>   | f 1973 | <b>Eu-O-Pb</b>   |               |
| <b>Eu-Mo-O-Ti</b>  |        | Eu <sub>2</sub> Pb <sub>2</sub> O <sub>7</sub>   | d 3337        |
| EuTi <sub>0,5</sub> Mo <sub>0,5</sub> O <sub>4</sub>   | f 901  | <b>Eu-O-Pt</b>   |               |
| <b>Eu-N</b>  |        | Eu <sub>2</sub> Pt <sub>2</sub> O <sub>7</sub>   | f 4065        |
| EuN  | c 109  | <b>Eu-O-Pu</b>   |               |
| <b>Eu-Na-O</b>   |        | (PuO <sub>2</sub> ) <sub>1-x</sub> (EuO <sub>1,5</sub> ) <sub>x</sub> (I)                                | b 624         |
| NaEuO <sub>2</sub>   | e 163  | (PuO <sub>2</sub> ) <sub>1-x</sub> (EuO <sub>1,5</sub> ) <sub>x</sub> (II)                               | b 625         |
| <b>Eu-Na-O-Si</b>  |        | (PuO <sub>2</sub> ) <sub>1-x</sub> (EuO <sub>1,5</sub> ) <sub>x</sub> (III)                              | b 626         |
| NaEuSiO <sub>4</sub>   | d 613  | <b>Eu-O-Re</b>   |               |
| NaEu <sub>9</sub> [(SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> ]                         | d 614  | Eu(ReO <sub>4</sub> ) <sub>3</sub> (I)   | f 2841        |
| <b>Eu-Na-O-W</b>   |        | <b>Eu-O-Rh</b>   |               |
| NaEu(WO <sub>4</sub> ) <sub>2</sub>  | f 1547 | EuRhO <sub>3</sub>   | f 3899        |
| Na <sub>5</sub> Eu(WO <sub>4</sub> ) <sub>4</sub>  | f 1546 | <b>Eu-O-Ru</b>   |               |
| <b>Eu-Nb-O</b>   |        | Eu <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub>   | f 3841        |
| EuNbO <sub>4</sub> (II)  | e 2330 |  |               |
| EuNbO <sub>4</sub> (III)   | e 2331 |  |               |

## 2 Alphabetical formula index

|  |        |   |         |
|--|--------|---|---------|
| <b>Eu - O - S</b>  |        | $\text{Eu}_2\text{TiO}_5$   | e 915   |
| $\text{Eu}^{\text{II}}\text{SO}_4$                           | b 3312 | $\text{Eu}_2\text{Ti}_2\text{O}_7$  | e 916   |
| $\text{Eu}_2\text{O}_{1,37}\text{S}$                         | b 3073 | $\text{Eu}_3\text{Ti}_2\text{O}_7$  | e 913   |
| $\text{Eu}_2\text{O}_2\text{S}$                              | b 3072 | $\text{Eu}_4\text{Ti}_3\text{O}_{10}$   | e 914   |
| $\text{Eu}_2\text{O}_2\text{SO}_4$                           | b 3752 | <b>Eu - O - Ti - W</b>  |         |
| $\text{Eu}_2^{\text{III}}(\text{SO}_4)_3$                    | b 3313 | $\text{EuTi}_{0,5}\text{W}_{0,5}\text{O}_4$   | f 1752  |
| <b>Eu - O - Sb</b>   |        | <b>Eu - O - Tl</b>  |         |
| $\text{Eu}_3\text{SbO}_7$                                    | c 3069 | $\text{EuTlO}_3$  | d 8384  |
| <b>Eu - O - Sc</b>   |        | <b>Eu - O - U</b>   |         |
| $\text{EuScO}_3$   | e 72   | $\text{EuUO}_4$   | b 555   |
| $\text{EuSc}_2\text{O}_4$                                    | e 71   | $\text{Eu}_6\text{UO}_{12}$   | e 441   |
| <b>Eu - O - Se</b>   |        | $(\text{UO}_2)_{1-y}(\text{EuO}_{1,5})_y$   | b 555   |
| $\text{Eu}_2\text{O}_2\text{Se}$                             | b 4204 | $(\text{UO}_2+x)_{1-y}(\text{EuO}_{1,5})_y$   | b 555   |
| <b>Eu - O - Si</b>   |        |   | e 441   |
| $\text{Eu}_2\text{SiO}_4$ (I)                                | d 603  | $(\text{U}_{1-y}\text{Eu}_y)\text{O}_{2\pm x}$  | b 555   |
| $\text{Eu}_2\text{SiO}_4$ (II)                               | d 604  | <b>Eu - O - V</b>   |         |
| $\text{Eu}_2\text{SiO}_5$                                    | d 605  | $\text{EuVO}_4$ (I)   | e 1739  |
| $\text{Eu}_2\text{Si}_2\text{O}_7$ (I)                       | d 607  | $\text{EuVO}_4$ (II)  | e 1740  |
| $\text{Eu}_2\text{Si}_2\text{O}_7$ (II)                      | d 608  | <b>Eu - O - W</b>   |         |
| $\text{Eu}_2\text{Si}_2\text{O}_7$ (III)                     | d 609  | $\text{EuWO}_4$   | f 1542  |
| $\text{Eu}_2\text{Si}_2\text{O}_7$ (IV)                      | d 610  | $\text{Eu}_2(\text{WO}_4)_3$ (II)   | f 1544  |
| $\text{Eu}_3\text{SiO}_5$                                    | d 602  | $\text{Eu}_2\text{WO}_6$  | f 1543  |
| $\text{Eu}_{9,333}[(\text{SiO}_4)_6\text{O}_2]$              | d 606  | $\text{Eu}_3\text{WO}_6$  | f 1541  |
| <b>Eu - O - Sm - Th</b>                                      |        | $\text{Eu}_x\text{WO}_3$  | f 1540  |
| $\text{Th}_{1-x-y}\text{Sm}_x\text{Eu}_y\text{O}_{2-0,5x-y}$ | b 449  | $(\text{W}_{1/7}\text{Eu}_{6/7})\text{O}_{12/7}$  | b 1247  |
| <b>Eu - O - Sn</b>   |        | <b>Eu - O - Zr</b>  |         |
| $\text{Eu}_2\text{Sn}_2\text{O}_7$                           | d 3194 | $\text{EuZrO}_3$  | e 1347  |
| <b>Eu - O - Sr</b>   |        | $\text{Eu}_2\text{ZrO}_4$   | e 1346  |
| $\text{Eu}_{-x}\text{Sr}_x\text{O}$                          | b 326  | $\text{Eu}_2\text{Zr}_2\text{O}_7$  | b 830   |
| $\text{SrEu}_2\text{O}_4$                                    | e 167  |   | e 1348  |
| <b>Eu - O - Sr - Ta</b>                                      |        | $(\text{ZrO}_2)_{1-x}(\text{EuO}_{1,5})_x$  | b 830   |
| $\text{Sr}_2\text{EuTaO}_6$                                  | e 3134 | <b>Eu - P</b>   |         |
| <b>Eu - O - Sr - U</b>                                       |        | $\text{EuP}$  | c 1203  |
| $\text{Sr}_2\text{EuUO}_6$                                   | e 442  | $\text{Eu}_3\text{P}_2$   | c 1202  |
| <b>Eu - O - Sr - W</b>                                       |        | <b>F - Fe</b>   |         |
| $\text{SrEu}_2\text{WO}_6$                                   | f 1551 | $\text{FeF}_2$  | a 293   |
| <b>Eu - O - Ta</b>   |        | $\text{FeF}_3$  | a 295   |
| $\text{EuTaO}_4$   | e 3130 | $\text{Fe}_2\text{F}_5$   | a 294   |
| $\text{EuTa}_3\text{O}_9$                                    | e 3131 | <b>F - Fe - Gd - Mn - O</b>   |         |
| $\text{EuTa}_7\text{O}_{19}$                                 | e 3132 | $\text{GdMn}_{0,2}\text{Fe}_{0,8}\text{O}_{2,8}\text{F}_{0,2}$  | f 3682  |
| $\text{Eu}_3\text{TaO}_7$                                    | e 3129 | <b>F - Fe - Gd - Ni - O</b>   |         |
| <b>Eu - O - Te</b>   |        | $\text{GdNi}_{0,2}\text{Fe}_{0,8}\text{O}_{2,8}\text{F}_{0,2}$  | f 3694  |
| $\text{Eu}_2\text{O}_2\text{Te}$                             | b 4485 | <b>F - Fe - Gd - O</b>  |         |
| $\text{Eu}_2\text{TeO}_6$                                    | b 4704 | $\text{Gd}_3\text{Fe}_5\text{O}_{12-x}\text{F}_x$   | f 3670  |
| $\text{Eu}_2\text{Te}_4\text{O}_{11}$                        | b 4524 | <b>F - Fe - Ge - H - O</b>  |         |
| <b>Eu - O - Th</b>   |        | $[\text{Fe}(\text{H}_2\text{O})_6]\text{GeF}_6$   | a 2116  |
| $(\text{ThO}_2)_{1-x}(\text{EuO}_{1,5})_x$ (I)               | b 447  | <b>F - Fe - H - Hf - O</b>  |         |
| $(\text{ThO}_2)_{1-x}(\text{EuO}_{1,5})_x$ (II)              | b 448  | $[\text{Fe}(\text{H}_2\text{O})_6]\text{HfF}_6$   | a 2158B |
| <b>Eu - O - Ti</b>   |        | <b>F - Fe - H - K - Mg - Mn - Na - O -</b>  |         |
| $\text{EuTiO}_3$   | e 912  | <b>Si - Ti</b>  |         |
| $\text{EuTiO}_{3\cdots 2,5}$                                 | e 912  | $\text{K}_2\text{Na}_2(\text{Mn},\text{Fe}^{\text{II}})_2(\text{Fe}^{\text{II}},\text{Fe}^{\text{III}})_3\text{Mg}_2 \cdot$ |         |
| $\text{EuTi}_2\text{O}_4$                                    | e 910  | $\text{Ti}_2[(\text{Si}_4\text{O}_{12})_2(\text{O},\text{OH})_3(\text{OH},\text{F})_4]$                                     | d 2019  |
| $\text{Eu}_2\text{TiO}_4$                                    | e 911  |   |         |

## 2 Alphabetisches Formelverzeichnis

|   |   |      |  |
|---|---|------|--|
| <b>F - Fe - H - Mg - 0 - Si</b>   |   |      |  |
| (Mg,Fe) <sub>5</sub> [(SiO <sub>4</sub> ) <sub>2</sub> (OH,F) <sub>2</sub> ]  | d | 1611 | K <sub>3</sub> FeF <sub>6</sub> (I) a 1800   |
| (Mg,Fe) <sub>7</sub> [(SiO <sub>4</sub> ) <sub>3</sub> (OH,F) <sub>2</sub> ]  | d | 1610 | K <sub>3</sub> FeF <sub>6</sub> (II) a 1801  |
| (Mg,Fe) <sub>9</sub> [(SiO <sub>4</sub> ) <sub>4</sub> (OH,F) <sub>2</sub> ]  | d | 1609 | K <sub>3</sub> Fe <sub>2</sub> F <sub>7</sub> a 1802   |
| (Mg,Fe) <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )(OH,F) <sub>2</sub> ]   | d | 1616 | K <sub>x</sub> FeF <sub>3</sub> (I) a 1793   |
| <b>F - Fe - H - Mg - 0 - Si - Ti</b>  |   |      | K <sub>x</sub> FeF <sub>3</sub> (II) a 1794  |
| (Mg,Fe,Ti) <sub>9</sub> [(SiO <sub>4</sub> ) <sub>4</sub> (O,OH,F) <sub>2</sub> ]   | d | 1969 | K <sub>x</sub> FeF <sub>3</sub> (III) a 1795   |
| <b>F - Fe - H - N</b>   |   |      | <b>F - Fe - K - Na</b>   |
| NH <sub>4</sub> FeF <sub>3</sub>  | a | 1806 | K <sub>2</sub> NaFeF <sub>6</sub> a 1803   |
| (NH <sub>4</sub> ) <sub>x</sub> FeF <sub>3</sub> (I)  | a | 1804 | <b>F - Fe - K - Rb</b>   |
| (NH <sub>4</sub> ) <sub>x</sub> FeF <sub>3</sub> (II)   | a | 1805 | KRb <sub>2</sub> FeF <sub>6</sub> a 1823   |
| NH <sub>4</sub> FeF <sub>4</sub>  | a | 1807 | <b>F - Fe - La - Ni - 0</b>  |
| (NH <sub>4</sub> ) <sub>3</sub> FeF <sub>6</sub> (I)  | a | 1808 | LaNi <sub>0,2</sub> Fe <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub> f 3689   |
| (NH <sub>4</sub> ) <sub>3</sub> FeF <sub>6</sub> (II)   | a | 1809 | <b>F - Fe - Li</b>   |
| <b>F - Fe - H - N - O - S</b>   |   |      | LiFe <sub>2</sub> F <sub>6</sub> a 1783  |
| [Fe(NH <sub>3</sub> ) <sub>6</sub> ](SO <sub>3</sub> F) <sub>2</sub>  | b | 4039 | Li <sub>3</sub> FeF <sub>6</sub> (I) a 1781  |
| <b>F - Fe - H - N - Zr</b>  |   |      | Li <sub>3</sub> FeF <sub>6</sub> (II) a 1782   |
| (NH <sub>4</sub> ) <sub>2</sub> [(ZrF <sub>4</sub> ) <sub>1-x</sub> (FeF <sub>3</sub> ) <sub>x</sub> ]F <sub>2</sub>                  | a | 1871 | <b>F - Fe - Li - Mg</b>  |
| (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> Fe <sub>x</sub> F <sub>7-x</sub> (I)  | a | 1872 | LiMgFeF <sub>6</sub> a 1840  |
| (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> Fe <sub>x</sub> F <sub>7-x</sub> (II)   | a | 1873 | <b>F - Fe - Li - Na</b>  |
| <b>F - Fe - H - Na - 0</b>  |   |      | Na <sub>3</sub> Li <sub>3</sub> Fe <sub>2</sub> F <sub>12</sub> a 1792   |
| Na <sub>2</sub> FeF <sub>5</sub> · H <sub>2</sub> O   | a | 2173 | <b>F - Fe - Li - Nb - 0</b>  |
| <b>F - Fe - H - Na - 0 - Si</b>   |   |      | LiFe <sub>0,5</sub> Nb <sub>0,5</sub> O <sub>2</sub> F e 2942  |
| Na <sub>2</sub> Fe <sup>II</sup> <sub>3</sub> Fe <sup>III</sup> <sub>2</sub> [(Si <sub>4</sub> O <sub>11</sub> (OH,F)) <sub>2</sub> ] | d | 1880 | <b>F - Fe - Li - Nb - 0 - Ta</b>   |
| <b>F - Fe - H - O</b>   |   |      | LiFe <sub>0,5</sub> (Nb <sub>1-x</sub> Ta <sub>x</sub> ) <sub>0,5</sub> O <sub>2</sub> F e 3502  |
| (F,OH) <sub>&lt;2</sub> Fe <sub>8</sub> (O,OH) <sub>12</sub>  | b | 1786 | <b>F - Fe - Li - Ni</b>  |
| FeF <sub>2</sub> · 4H <sub>2</sub> O (I)  | a | 372  | LiNiFe <sup>III</sup> F a 1879   |
| FeF <sub>2</sub> · 4H <sub>2</sub> O (II)   | a | 373  | <b>F - Fe - Li - &amp; - Ta</b>  |
| FeF <sub>3</sub> · 3H <sub>2</sub> O (I)  | a | 376  | LiFe <sub>0,5</sub> Ta <sub>0,5</sub> O <sub>2</sub> F e 3500  |
| FeF <sub>3</sub> · 3H <sub>2</sub> O (II)   | a | 377  | <b>F - Fe - Li - Rb</b>  |
| Fe <sub>2</sub> F <sub>5</sub> · 3H <sub>2</sub> O  | a | 374  | RbLi <sub>0,5</sub> Fe <sub>1,5</sub> F <sub>6</sub> a 1821  |
| Fe <sub>2</sub> F <sub>5</sub> · 7H <sub>2</sub> O  | a | 375  | Rb <sub>2</sub> LiFeF <sub>6</sub> a 1820  |
| Fe <sub>8</sub> (O,OH) <sub>16</sub> (F,OH) <sub>&lt;2</sub>  | b | 2307 | <b>F - Fe - Li - Zn</b>  |
| <b>F - Fe - H - 0 - Si</b>  |   |      | LiZnFeF <sub>6</sub> a 1860  |
| [Fe(H <sub>2</sub> O) <sub>6</sub> ]SiF <sub>6</sub>  | a | 2109 | <b>F - Fe - Mg</b>   |
| <b>F - Fe - H - 0 - Sn</b>  |   |      | MgFe <sub>2</sub> F <sub>6</sub> a 1839  |
| Fe(SnF <sub>3</sub> ) <sub>2</sub> · 6H <sub>2</sub> O  | a | 2126 | Mg <sub>2</sub> FcF <sub>6</sub> a 1838  |
| Fe(Sn <sub>2</sub> F <sub>5</sub> ) <sub>2</sub> · 2H <sub>2</sub> O  | a | 2127 | <b>F - Fe - Mg - Na</b>  |
| <b>F - Fe - H - 0 - Ti</b>  |   |      | Na <sub>2</sub> MgFeF <sub>7</sub> a 1841  |
| [Fe(H <sub>2</sub> O) <sub>6</sub> ]TiF <sub>6</sub>  | a | 2143 | <b>F - Fe - Mg - Na - 0 - Si</b>   |
| <b>F - Fe - H - 0 - Zr</b>  |   |      | Na <sub>2,12</sub> Mg <sub>5,85</sub> Fe <sup>III</sup> <sub>0,01</sub> [(Si <sub>8</sub> O <sub>21,88</sub> )<br>F <sub>2,09</sub> ] d 1533 |
| [Fe(H <sub>2</sub> O) <sub>6</sub> ]ZrF <sub>6</sub>  | a | 2154 | Na <sub>3</sub> Mg <sub>4</sub> Fe <sup>III</sup> [(Si <sub>4</sub> O <sub>11</sub> )F] <sub>2</sub> d 1583                                  |
| <b>F - Fe - Ho - Mn - 0</b>   |   |      | <b>F - Fe - Mg - 0</b>   |
| HoMn <sub>0,2</sub> Fe <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>   | f | 3684 | Mg <sub>0,8</sub> Fe <sup>II</sup> <sub>0,3</sub> Fe <sup>III</sup> <sub>1,7</sub> O <sub>3,3</sub> F <sub>0,7</sub> f 3661                  |
| <b>F - Fe - Ho - Ni - 0</b>   |   |      | <b>F - Fe - Mn - Na</b>  |
| HoNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>  | f | 3697 | Na <sub>2</sub> MnFeF <sub>7</sub> a 1874  |
| <b>F - Fe - K</b>   |   |      | <b>F - Fe - Mn - 0</b>   |
| KFeF <sub>3</sub> (I)   | a | 1795 | Mn <sub>0,5</sub> Fe <sup>II</sup> <sub>0,15</sub> Fe <sup>III</sup> <sub>2,00</sub> O <sub>3,3</sub> F <sub>0,7</sub> f 3680                |
| KFeF <sub>3</sub> (II)  | a | 1796 | <b>F - Fe - Mn - O - P</b>   |
| KFeF <sub>4</sub>   | a | 1797 | FeMnPO <sub>4</sub> F c 2021   |
| KFe <sub>2</sub> F <sub>6</sub>   | a | 1794 | (Mn,Fe) <sub>2</sub> PO <sub>4</sub> F c 2243  |
| K <sub>2</sub> FeF <sub>4</sub>   | a | 1798 | <b>F - Fe - Mn - 0 - Tb</b>  |
| K <sub>2</sub> FeF <sub>5</sub>   | a | 1799 | TbMn <sub>0,2</sub> Fe <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub> f 3683   |

## 2 Alphabetical formula index

|   |   |      |  |
|---|---|------|--|
| <b>F-Fe-Mn-O-Y</b>  |   |      |  |
| YMn <sub>0,2</sub> Fe <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>  | f | 3681 |  |
| <b>F-Fe-Na</b>  |   |      |  |
| NaFeF <sub>3</sub>  | a | 1785 |  |
| NaFeF <sub>4</sub>  | a | 1786 |  |
| Na <sub>2</sub> Fe <sub>2</sub> F <sub>7</sub>  | a | 1789 |  |
| Na <sub>3</sub> FeF <sub>6</sub> (I)  | a | 1787 |  |
| Na <sub>3</sub> FeF <sub>6</sub> (II)   | a | 1788 |  |
| Na <sub>5</sub> Fe <sub>3</sub> F <sub>14</sub> (I)   | a | 1790 |  |
| Na <sub>5</sub> Fe <sub>3</sub> F <sub>14</sub> (II)  | a | 1791 |  |
| Na <sub>x</sub> FeF <sub>3</sub>  | a | 1784 |  |
| <b>F-Fe-Na-Ni</b>   |   |      |  |
| Na <sub>2</sub> NiFe <sup>III</sup> F <sub>7</sub>  | a | 1880 |  |
| <b>F-Fe-Na-Rb</b>   |   |      |  |
| NaRb <sub>2</sub> FeF <sub>6</sub>  | a | 1822 |  |
| <b>F-Fe-Nd-Ni-O</b>   |   |      |  |
| NdNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3691 |  |
| <b>F-Fe-Ni-O</b>  |   |      |  |
| Ni <sub>0,80</sub> Fe <sup>II</sup> <sub>0,15</sub> Fe <sup>III</sup> <sub>1,80</sub> O <sub>3,3</sub> F <sub>0,7</sub> | f | 3687 |  |
| <b>F-Fe-Ni-O-Pr</b>   |   |      |  |
| PrNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3690 |  |
| <b>F-Fe-Ni-O-Sm</b>   |   |      |  |
| SmNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3692 |  |
| <b>F-Fe-Ni-O-Tb</b>   |   |      |  |
| TbNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3695 |  |
| <b>F-Fe-Ni-O-Tm</b>   |   |      |  |
| TmNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3699 |  |
| <b>F-Fe-Ni-O-Y</b>  |   |      |  |
| YNi Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>  | f | 3688 |  |
| <b>F-Fe-%-O-Yb</b>  |   |      |  |
| YbNi <sub>0,2</sub> Fe <sup>III</sup> <sub>0,8</sub> O <sub>2,8</sub> F <sub>0,2</sub>                                  | f | 3700 |  |
| <b>F-Fe-Ni-Rb</b>   |   |      |  |
| RbNiFe <sup>III</sup> F <sub>6</sub>  | a | 1881 |  |
| <b>F-Fe-O</b>   |   |      |  |
| FeOF  | b | 1990 |  |
| FeO <sub>x</sub> F <sub>2-x</sub> (I)   | b | 1987 |  |
| FeO <sub>x</sub> F <sub>2-x</sub> (II)  | b | 1988 |  |
| Fe <sup>II</sup> <sub>1+x</sub> Fe <sup>III</sup> <sub>2-x</sub> O <sub>4-x</sub> F <sub>x</sub> (I)                    | b | 1989 |  |
| <b>F-Fe-O-Sr</b>  |   |      |  |
| Sr <sub>2</sub> FeO <sub>3</sub> F  | f | 3662 |  |
| <b>F-Fe-O-Ti</b>  |   |      |  |
| Fe <sub>0,75</sub> Ti <sub>0,25</sub> O <sub>0,5</sub> F <sub>1,5</sub>   | b | 1991 |  |
| FeTiO <sub>3</sub> F  | b | 1993 |  |
| Fe <sub>x</sub> Ti <sub>1-x</sub> OF  | b | 1992 |  |
| <b>F-Fe-O-V</b>   |   |      |  |
| FeVO <sub>3</sub> F   | b | 1995 |  |
| <b>F-Fe-O-Y</b>   |   |      |  |
| Y <sub>3</sub> Fe <sub>5</sub> O <sub>12-x</sub> F <sub>x</sub>   | f | 3665 |  |
| <b>F-Fe-O-Y-Zn</b>  |   |      |  |
| Y <sub>3</sub> Zn <sub>x</sub> Fe <sub>5-x</sub> O <sub>12-x</sub> F <sub>x</sub>                                       | f | 3667 |  |
| <b>F-Fe-O-Zn</b>  |   |      |  |
| Zn <sub>0,5</sub> Fe <sup>II</sup> <sub>0,3</sub> Fe <sup>III</sup> <sub>1,90</sub> O <sub>3,3</sub> F <sub>0,7</sub>   | f | 3663 |  |
| Zn <sub>x</sub> Fe <sup>II</sup> Fe <sup>III</sup> <sub>2-x</sub> O <sub>4-x</sub> F <sub>x</sub>                       | f | 3664 |  |
| <b>F-Fe-O-Zr</b>  |   |      |  |
| Fe <sub>2(1-x)</sub> Zr <sub>x</sub> O <sub>3(1-x)</sub> F <sub>4x</sub>  | b | 1994 |  |
| <b>F-Fe-Pb</b>  |   |      |  |
| FePb <sub>2</sub> F <sub>6</sub>  | a | 1293 |  |
| Pb <sub>2</sub> FeF <sub>6</sub>  | a | 1869 |  |
| Pb <sub>3</sub> (FeF <sub>6</sub> ) <sub>2</sub>  | a | 1870 |  |
| (Pb <sub>1-x</sub> Fe <sub>x</sub> )F <sub>2+x</sub> (I)  | a | 296  |  |
| (Pb <sub>1-x</sub> Fe <sub>x</sub> )F <sub>2+x</sub> (II)   | a | 297  |  |
| <b>F-Fe-Rb</b>  |   |      |  |
| RbFeF <sub>4</sub> (I)  | a | 1812 |  |
| RbFeF <sub>4</sub> (II)   | a | 1813 |  |
| RbFeF <sub>4</sub> (III)  | a | 1814 |  |
| RbFe <sub>2</sub> F <sub>6</sub>  | a | 1811 |  |
| Rb <sub>2</sub> FeF <sub>4</sub>  | a | 1815 |  |
| Rb <sub>2</sub> FeF <sub>5</sub>  | a | 1816 |  |
| Rb <sub>2</sub> Fe <sub>5</sub> F <sub>17</sub>   | a | 1819 |  |
| Rb <sub>3</sub> FeF <sub>6</sub> (I)  | a | 1817 |  |
| Rb <sub>3</sub> FeF <sub>6</sub> (II)   | a | 1818 |  |
| Rb <sub>x</sub> FeF <sub>3</sub> (I)  | a | 1810 |  |
| Rb <sub>x</sub> FeF <sub>3</sub> (II)   | a | 1811 |  |
| <b>F-Fe-Sr</b>  |   |      |  |
| SrFeF <sub>5</sub>  | a | 1844 |  |
| Sr <sub>2</sub> Fe <sub>2</sub> F <sub>9</sub>  | a | 1845 |  |
| Sr <sub>3</sub> (FeF <sub>6</sub> ) <sub>2</sub>  | a | 1846 |  |
| <b>F-Fe-Tl</b>  |   |      |  |
| TlFeF <sub>3</sub>  | a | 1865 |  |
| TlFeF <sub>4</sub>  | a | 1866 |  |
| TlFe <sub>2</sub> F <sub>6</sub>  | a | 1864 |  |
| Tl <sub>2</sub> FeF <sub>4</sub>  | a | 1867 |  |
| Tl <sub>3</sub> FeF <sub>6</sub>  | a | 1868 |  |
| Tl <sub>x</sub> FeF <sub>3</sub> (I)  | a | 1863 |  |
| Tl <sub>x</sub> FeF <sub>3</sub> (II)   | a | 1864 |  |
| <b>F-Fe-Zr</b>  |   |      |  |
| FeZrF <sub>6</sub>  | a | 1380 |  |
| <b>F-Ga</b>   |   |      |  |
| GaF <sub>3</sub>  | a | 58   |  |
| <b>F-Ga-H-N</b>   |   |      |  |
| NH <sub>4</sub> GaF <sub>4</sub>  | a | 718  |  |
| (NH <sub>4</sub> ) <sub>3</sub> GaF <sub>6</sub> (I)  | a | 719  |  |
| (NH <sub>4</sub> ) <sub>3</sub> GaF <sub>6</sub> (II)   | a | 720  |  |
| <b>F-Ga-H-N-Rb</b>  |   |      |  |
| [Rh(NH <sub>3</sub> ) <sub>6</sub> ] <sub>3</sub> GaF <sub>6</sub>  | a | 2187 |  |
| <b>F-Ga-H-N-Zr</b>  |   |      |  |
| (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> Ga <sub>x</sub> F <sub>7-x</sub>                                      | a | 1370 |  |
| <b>F-Ga-H-O</b>   |   |      |  |
| GaF <sub>3</sub> · 3H <sub>2</sub> O  | a | 346  |  |
| Ga(OH <sub>2</sub> F) <sub>3</sub>  | b | 2020 |  |
| Ga <sub>8</sub> [(OH) <sub>1-x</sub> F <sub>x</sub> ] <sub>24</sub> · 3H <sub>2</sub> O                                 | b | 2042 |  |
| <b>F-Ga-K</b>   |   |      |  |
| K <sub>3</sub> GaF <sub>6</sub> (I)   | a | 715  |  |
| <b>F-Ga-K-Li</b>  |   |      |  |
| K <sub>2</sub> LiGaF <sub>6</sub>   | a | 716  |  |

## 2 Alphabetisches Formelverzeichnis

|                                       |        |  |        |
|---------------------------------------|--------|--|--------|
| <b>F - Ga - K - Na</b>                |        | <b>F - Cd - K</b>                        |        |
| $K_2NaGaF_6$                          | a 717  | $KGd_2F_7$                               | a 938  |
| <b>F - Ga - K - Rb</b>                |        | <b>F - Cd - La</b>                       |        |
| $Rb_2KGaF_6$                          | a 724  | $La, -_xGd_xF_3$                         | a 133  |
| <b>F - Ga - K - Ti</b>                |        | <b>F - Cd - Li</b>                       |        |
| $Tl_2-xK_{1+x}GaF_6$                  | a 745  | $LiGdF_4$                                | a 934  |
| <b>F - Ga - Li</b>                    |        | <b>F - Cd - Na</b>                       |        |
| $Li_3GaF_6$ (I)                       | a 711  | $NaGdF_4$ (I)                            | a 935  |
| $Li_3GaF_6$ (II)                      | a 712  | $NaGdF_4$ (II)                           | a 936  |
| <b>F - Ga - Li - Mg</b>               |        | $Na_5Gd_9F_{32}$                         | a 937  |
| $LiMgGaF_6$                           | a 731  | $Na_{1-x}Gd_xF_{1+2x}$                   | a 935  |
| <b>F - Ga - Li - Na</b>               |        |  | a 937  |
| $Na_3Ga_2Li_3F_{12}$                  | a 714  | <b>F - Cd - 0</b>                        |        |
| <b>F - Ga - Li - Ni</b>               |        | $GdOF$ (I)                               | b 1865 |
| $LiNiGaF_6$                           | a 752  | $GdOF$ (II)                              | b 1866 |
| <b>F - Ca - Li - Rb</b>               |        | $GdOF$ (III)                             | b 1867 |
| $Rb_2LiGaF_6$                         | a 722  | $GdOF$ (IV)                              | b 1868 |
| <b>F - Ca - Li - Sr</b>               |        | $GdO_{1-x}F_{1+2x}$                      | b 1867 |
| $LiSrGaF_6$                           | a 738  | <b>F - Cd - S</b>                        |        |
| <b>F - Ga - Mg - Na</b>               |        | $GdSF$                                   | b 2932 |
| $Na_2MgGaF_7$                         | a 732  | <b>F - Cd - Se</b>                       |        |
| <b>F - Ca - Mg - 0</b>                |        | $GdSeF$                                  | b 4156 |
| $Mg_{8+x}Ga_{16-y}□_{y-x}O_{32-z}F_z$ | d 8264 | <b>F - Cd - Sr</b>                       |        |
| <b>F - Ga - Na</b>                    |        | $(SrF_2)_{1-x}(GdF_3)_x$                 | a 131  |
| $Na_3GaF_6$ (II)                      | a 713  | <b>F - Ge</b>                            |        |
| <b>F - Ga - Na - Rb</b>               |        | $GeF_2$ (I)                              | a 204A |
| $Rb_2NaGaF_6$                         | a 723  | $GeF_2$ (II)                             | a 204B |
| <b>F - Ga - Na - Ti</b>               |        | <b>F - Ge - H - K - Nd - 0</b>           |        |
| $NaTi_2GaF_6$                         | a 744  | $K_2Nd_4[(Ge_4O_{13})(OH,F)_4]$          | d 3091 |
| <b>F - Ga - Pb</b>                    |        | <b>F - Ge - H - K - 0 - Y b</b>          |        |
| $PbGaF_5$ (II)                        | a 746  | $K_4Yb_2Ge_8O_{20}(OH,F)_2$              | d 3100 |
| $Pb_3(GaF_6)_2$ (II)                  | a 747  | <b>F - Ge - H - Li - Mg - 0</b>          |        |
| $Pb_9Ga_2F_{24}$                      | a 748  | $LiMgGe_2O_5F \cdot H_2O$                | d 3130 |
| $Pb_{1-x}Ga_xF_{2+x}$                 | a 213  | <b>F - Ge - H - Mg - 0</b>               |        |
| $\beta-Pb_{1-x}Ga_xF_{2+x}$           | a 748  | $[Mg(H_2O)_6]GeF_6$                      | a 2113 |
| <b>F - Ga - Pb - Sr</b>               |        | <b>F - Ce - H - N</b>                    |        |
| $Pb, -_xSr_xGaF_5$                    | a 749  | $(NH_4)_2GeF_6$ (I)                      | a 1235 |
| $Sr_{10(1-x)}Pb_{9x}Ga_6F_{2(19-x)}$  | a 750  | $(NH_4)_2GeF_6$ (II)                     | a 1236 |
| <b>F - Ga - Rb</b>                    |        | <b>F - Ge - H - Ni - 0</b>               |        |
| $Rb_3GaF_6$ (I)                       | a 721  | $[Ni(H_2O)_6]GeF_6$                      | a 2118 |
| <b>F - Ga - Sr</b>                    |        | <b>F - Ge - H - 0 - Sm</b>               |        |
| $SrGaF_5$                             | a 736  | $Sm_{13}[(GeO_4)_6(O,(OH,F)_2)_6(OH)_3]$ | d 3093 |
| $Sr_5Ga_3F_{19}$                      | a 737  | <b>F - Ge - H - O - Y</b>                |        |
| <b>F - Ga - Ti</b>                    |        | $Y_4GeO_6(OH,F)_4$                       | d 3084 |
| $TiGaF_4$                             | a 742  | <b>F - Ge - H - 0 - Zn</b>               |        |
| $Tl_3GaF_6$ (I)                       | a 743  | $[Zn(H_2O)_6]GeF_6$                      | a 2114 |
| <b>F - Gd</b>                         |        | <b>F - Ce - K</b>                        |        |
| $GdF_3$ (I)                           | a 128  | $K_2GeF_6$ (I)                           | a 1233 |
| $GdF_3$ (II)                          | a 129  | $K_2GeF_6$ (II)                          | a 1234 |
| <b>F - Cd - H - K - O</b>             |        | <b>F - Ge - K - Li - Mg - 0</b>          |        |
| $0,54KF \cdot GdF_3 \cdot 0,7H_2O$    | a 352  | $K(LiMg_2)[(Ge_4O_{10})F_2]$             | d 3063 |
| <b>F - Gd - H - O</b>                 |        |  |        |
| $Gd(OH)_{3-3x}F_{3x}$                 | b 2028 |  |        |



## 2 Alphabetical formula index

|   |   |       |  |
|---|---|-------|--|
| <b>F-Ge-Li</b>  |   |       |  |
| Li <sub>2</sub> GeF <sub>6</sub> (I)  | a | 1230  |  |
| Li <sub>2</sub> GeF <sub>6</sub> (II)   | a | 1231  |  |
| <b>F-Ge-Li-Mg-0</b>   |   |       |  |
| LiMgGe <sub>2</sub> O <sub>5</sub> F  | d | 3062  |  |
| Li <sub>3</sub> Mg <sub>3</sub> Ge <sub>2</sub> O <sub>7</sub> F <sub>3</sub>                     | d | 3062  |  |
| Li <sub>3</sub> Mg <sub>3</sub> Ge <sub>4</sub> O <sub>11</sub> F <sub>3</sub>                    | d | 3062  |  |
| <b>F-Ge-Mg-0</b>  |   |       |  |
| Mg <sub>3</sub> [(GeO <sub>4</sub> )F <sub>2</sub> ]  | d | 3061  |  |
| Mg <sub>5</sub> [(GeO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub> ]                                | d | 3060  |  |
| Mg <sub>7</sub> [(GeO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub> ]                                | d | 3059  |  |
| Mg <sub>9</sub> [(GeO <sub>4</sub> ) <sub>4</sub> F <sub>2</sub> ]                                | d | 3058  |  |
| Mg <sub>28</sub> Ge <sub>7,5</sub> O <sub>38</sub> F <sub>10</sub>                                | d | 3057  |  |
| <b>F-Ge-Na</b>  |   |       |  |
| Na <sub>2</sub> GeF <sub>6</sub>  | a | 1232  |  |
| <b>F-Ge-0-Pb-S</b>  |   |       |  |
| Pb <sub>10</sub> (GeO <sub>4</sub> ) <sub>3</sub> (SO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub>  | d | 3109  |  |
| <b>F-Ge-0-Pb-Se</b>   |   |       |  |
| Pb <sub>10</sub> (GeO <sub>4</sub> ) <sub>3</sub> (SeO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub> | d | 3111  |  |
| <b>F-Ge-0-S-Sr</b>  |   |       |  |
| Sr <sub>10</sub> (GeO <sub>4</sub> ) <sub>3</sub> (SO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub>  | d | 3108  |  |
| <b>F-Ge-Pd</b>  |   |       |  |
| PdGeF <sub>6</sub>  | a | 1241  |  |
| <b>F-Ge-Rb</b>  |   |       |  |
| Rb <sub>2</sub> GeF <sub>6</sub> (I)  | a | 1237  |  |
| Rb <sub>2</sub> GeF <sub>6</sub> (II)   | a | 1238  |  |
| <b>F-H</b>  |   |       |  |
| HF  | a | 1     |  |
| <b>F-H-Hf-N</b>   |   |       |  |
| NH <sub>4</sub> HfF <sub>5</sub> (I)  | a | 1387  |  |
| NH <sub>4</sub> HfF <sub>5</sub> (II)   | a | 1388  |  |
| (NH <sub>4</sub> ) <sub>2</sub> HfF <sub>6</sub>  | a | 1389  |  |
| (NH <sub>4</sub> ) <sub>3</sub> HfF <sub>7</sub>  | a | 1390  |  |
| (N <sub>2</sub> H <sub>6</sub> )HfF <sub>6</sub>  | a | 1391  |  |
| <b>F-H-Hf-Ni-0</b>  |   |       |  |
| [Ni(H <sub>2</sub> O) <sub>6</sub> ]HfF <sub>6</sub>  | a | 2158D |  |
| <b>F-H-Hf-0</b>   |   |       |  |
| HHfF <sub>5</sub> · H <sub>2</sub> O  | a | 2157  |  |
| HfF <sub>4</sub> · H <sub>2</sub> O   | a | 365   |  |
| HfF <sub>4</sub> · 3 H <sub>2</sub> O (I)   | a | 366   |  |
| HfF <sub>4</sub> · 3 H <sub>2</sub> O (II)  | a | 367   |  |
| HfF <sub>4</sub> · 3 H <sub>2</sub> O (III)   | a | 368   |  |
| HfF <sub>4</sub> · (2,5...3)H <sub>2</sub> O  | a | 368   |  |
| Hf <sub>2</sub> OF <sub>6</sub> · H <sub>2</sub> O  | b | 2040  |  |
| Hf <sub>3</sub> (OH) <sub>2</sub> F <sub>10</sub>   | b | 2036  |  |
| <b>F-H-Hf-0-Zn</b>  |   |       |  |
| [Zn(H <sub>2</sub> O) <sub>6</sub> ]HfF <sub>6</sub>  | a | 2158A |  |
| <b>F-H-Hg-N</b>   |   |       |  |
| Hg <sub>2</sub> NF · NH <sub>4</sub> F  | c | 480   |  |
| NH <sub>4</sub> Hg <sub>2</sub> NF <sub>2</sub>   | c | 480   |  |
| <b>F-H-Hg-N-0</b>   |   |       |  |
| Hg <sub>2</sub> NF · HF · H <sub>2</sub> O  | c | 489   |  |
| [Hg <sub>2</sub> N]F · H <sub>3</sub> OF  | c | 489   |  |
| <b>F-H-Hg-0</b>   |   |       |  |
| HgF <sub>2</sub> · 2H <sub>2</sub> O  | a | 341   |  |
| Hg(OH)F   | b | 2018  |  |
| <b>F-H-Hg-0-Si</b>  |   |       |  |
| Hg <sub>2</sub> SiF <sub>6</sub> · 2H <sub>2</sub> O  | a | 2106  |  |
| <b>F-H-Ho-N</b>   |   |       |  |
| NH <sub>4</sub> Ho <sub>3</sub> F <sub>10</sub>   | a | 971   |  |
| <b>F-H-Ho-0</b>   |   |       |  |
| Ho(OH) <sub>3-3x</sub> F <sub>3x</sub>  | b | 2031  |  |
| <b>F-H-In-N</b>   |   |       |  |
| InF <sub>3</sub> · NH <sub>3</sub>  | a | 381   |  |
| (NH <sub>4</sub> ) <sub>3</sub> InF <sub>6</sub> (I)  | a | 761   |  |
| (NH <sub>4</sub> ) <sub>3</sub> InF <sub>6</sub> (II)   | a | 762   |  |
| <b>F-H-In-N-Na</b>  |   |       |  |
| (NH <sub>4</sub> ) <sub>2</sub> NaInF <sub>6</sub>  | a | 763   |  |
| <b>F-H-In-N-Zr</b>  |   |       |  |
| (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> In <sub>x</sub> F <sub>7-x</sub> (I)            | a | 1371  |  |
| (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> In <sub>x</sub> F <sub>7-x</sub> (II)           | a | 1372  |  |
| <b>F-H-In-0</b>   |   |       |  |
| InF <sub>3</sub> · 3 H <sub>2</sub> O   | a | 349   |  |
| In(OH)F <sub>2</sub>  | b | 2021  |  |
| <b>F-H-Ir-N</b>   |   |       |  |
| (NH <sub>4</sub> ) <sub>2</sub> IrF <sub>6</sub>  | a | 2012  |  |
| <b>F-H-K</b>  |   |       |  |
| KHF <sub>2</sub> (I)  | a | 388   |  |
| KHF, (II)   | a | 389   |  |
| KH <sub>2</sub> F <sub>3</sub>  | a | 390   |  |
| KH <sub>4</sub> F <sub>5</sub>  | a | 391   |  |
| <b>F-H-K-Mn-0</b>   |   |       |  |
| K <sub>2</sub> Mn <sup>III</sup> F <sub>5</sub> · H <sub>2</sub> O                                | a | 2172  |  |
| <b>F-H-K-Mo-0</b>   |   |       |  |
| K <sub>2</sub> MoOF <sub>5</sub> · H <sub>2</sub> O   | f | 1197  |  |
| K <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub> · H <sub>2</sub> O                                 | f | 1198  |  |
| K <sub>2</sub> Mo(O <sub>2</sub> )OF <sub>4</sub> · H <sub>2</sub> O                              | f | 1199  |  |
| <b>F-H-K-Nb-0</b>   |   |       |  |
| K <sub>2</sub> NbOF <sub>5</sub> · H <sub>2</sub> O   | e | 2967  |  |
| K <sub>2</sub> NbO <sub>2</sub> F <sub>5</sub> · H <sub>2</sub> O                                 | e | 2968  |  |
| K <sub>3</sub> HNNbOF <sub>7</sub>  | e | 2886  |  |
| <b>F-H-K-Ni-0-V</b>   |   |       |  |
| KNi <sup>III</sup> F · H <sub>2</sub> O   | a | 2165  |  |
| <b>F-H-K-;</b>  |   |       |  |
| KF · 2H <sub>2</sub> O  | a | 334   |  |
| KF · 4H <sub>2</sub> O  | a | 335   |  |
| <b>F-H-K-O-P</b>  |   |       |  |
| K[PHO <sub>2</sub> (OH)] · HF   | c | 2215  |  |
| <b>F-H-K-0-Pu</b>   |   |       |  |
| KPuO <sub>2</sub> F <sub>3</sub> · H <sub>2</sub> O   | e | 674   |  |
| <b>F-H-K-0-Sb</b>   |   |       |  |
| KSb(OH) <sub>6-x</sub> F <sub>x</sub>   | c | 3256  |  |
| <b>F-H-K-0-Sn</b>   |   |       |  |
| KSnF <sub>3</sub> · 0,5H <sub>2</sub> O   | a | 2119  |  |
| <b>F-H-K-0-Ta</b>   |   |       |  |
| K <sub>2</sub> TaO <sub>2</sub> F <sub>5</sub> · H <sub>2</sub> O                                 | e | 3524  |  |

## 2 Alphabetisches Formelverzeichnis

|  |  |  |   |
|--|--|--|---|
| <b>F - H - K - O - T b</b><br>0,7KF · TbF <sub>3</sub> · 0,5H <sub>2</sub> O   | a 353  | <b>F - H - M n - N - O - S</b><br>[Mn(NH <sub>3</sub> ) <sub>6</sub> ](SO <sub>3</sub> F) <sub>2</sub>   | <b>b 4038</b>   |
| <b>F - H - K - O - T e</b><br>2 KF · Te(OH) <sub>6</sub><br>Te(OH) <sub>6</sub> · 2KF  | b 4820<br>b 2037   | <b>F - H - M n - N - R b</b><br>[Rh(NH <sub>3</sub> ) <sub>6</sub> ]MnF <sub>6</sub>   | a 2203  |
| <b>F - H - K - O - U</b><br>K <sub>3</sub> (UO <sub>2</sub> ) <sub>2</sub> F <sub>7</sub> · 2H <sub>2</sub> O  | e 593  | <b>F - H - M n - N - Z n</b><br>NH <sub>4</sub> Mn <sub>2</sub> Zn <sub>1-x</sub> F <sub>3</sub>   | a 1749  |
| <b>F - H - K - P b</b><br>K <sub>3</sub> HPbF <sub>8</sub>   | a 1277   | <b>F - H - M n - N a - 0 - S i - T i - Z r</b><br>Na <sub>4</sub> MnTi(Zr,Ti) <sub>2</sub> [(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> ·(OH,F)] <sub>2</sub>   | d 1875  |
| <b>F - H - K - S n</b><br>K <sub>3</sub> HSnF <sub>8</sub>   | a 1251   | <b>F - H - M n - 0</b><br>MnF <sub>3</sub> · 3H <sub>2</sub> O   | a 371   |
| <b>F - H - L a - O</b><br>La(OH) <sub>3-3x</sub> F <sub>3x</sub>   | b 2023   | <b>F - H - M n - 0 - S i</b><br>[Mn(H <sub>2</sub> O) <sub>3</sub> ]SiF <sub>6</sub><br>Mn <sub>5</sub> [(SiO <sub>4</sub> ) <sub>2</sub> (OH,F) <sub>2</sub> ]<br>Mn <sub>9</sub> [(SiO <sub>4</sub> ) <sub>4</sub> (OH,F) <sub>2</sub> ]   | a 2108<br>d 1838<br>d 1836  |
| <b>F - H - L i</b><br>LiF <sub>1-x</sub> H <sub>x</sub><br>LiHF <sub>2</sub>   | a 2214<br>a 384  | <b>F - H - M n - 0 - S n</b><br>[Mn(H <sub>2</sub> O) <sub>6</sub> ]SnF <sub>6</sub>   | a 2125  |
| <b>F - H - L i - M g - N a - 0 - S i</b><br>(Li,Mg) <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )F <sub>2</sub> ] · Na <sub>0,58</sub> · nH <sub>2</sub> O  | d 1535   | <b>F - H - M n - 0 - T i</b><br>[Mn(H <sub>2</sub> O) <sub>6</sub> ]TiF <sub>6</sub>   | a 2142  |
| Na <sub>x</sub> (Li <sub>2-x</sub> ,Mg) <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )(OH,F) <sub>2</sub> ] · 4H <sub>2</sub> O  | d 2252   | <b>F - H - M n - O - U</b><br>MnUF <sub>6</sub> · 3H <sub>2</sub> O  | a 2096  |
| <b>F - H - L i - M g - 0 - S i</b><br>(Li,Mg) <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )F <sub>2</sub> ] · Li <sub>0,35</sub> · nH <sub>2</sub> O  | d 1532   | <b>F - H - M • - N</b><br>(N <sub>2</sub> H <sub>6</sub> )MoF <sub>6</sub>   | a 1677  |
| <b>F - H - L i - M g - 0 - S i - S r</b><br>(Li,Sr,Mg) <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )F <sub>2</sub> ] · nH <sub>2</sub> O  | d 1556   | <b>F - H - M • - N - O</b><br>(NH <sub>4</sub> ) <sub>3</sub> F[MoO(O <sub>2</sub> )F <sub>4</sub> ]<br>NH <sub>4</sub> MoO <sub>2</sub> F <sub>3</sub><br>(NH <sub>4</sub> ) <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub><br>(NH <sub>4</sub> ) <sub>3</sub> MoO <sub>3</sub> F <sub>3</sub>                                    | f 1165<br>f 1164<br>f 1163<br>f 1162                                    |
| <b>F - H - L i - N - S i</b><br>LiNH <sub>4</sub> SiF <sub>6</sub>   | a 1220   | <b>F - H - M o - N i - 0</b><br>NiMoO <sub>2</sub> F <sub>4</sub> · 6H <sub>2</sub> O  | f 1204  |
| <b>F - H - L u - 0</b><br>Lu(OH) <sub>3-3x</sub> F <sub>3x</sub>   | b 2034   | <b>F - H - M o - 0 - Z n</b><br>ZnMoOF <sub>5</sub> · 6H <sub>2</sub> O<br>ZnMoO <sub>2</sub> F <sub>4</sub> · 6H <sub>2</sub> O   | f 1200<br>f 1201  |
| <b>F - H - M e - 0 - S i</b><br>(Me <sup>II</sup> ) <sub>7</sub> [Si <sub>8</sub> O <sub>22</sub> (OH,F) <sub>2</sub> ]  | d 1608   | <b>F - H - N</b><br>NH <sub>4</sub> F (I)<br>NH <sub>4</sub> F (II)<br>NH <sub>4</sub> F (III)<br>NH <sub>4</sub> F (IV)<br>NH <sub>4</sub> F (V)<br>NH <sub>4</sub> F (VI)<br>NH <sub>4</sub> F (VII)<br>NH <sub>4</sub> HF <sub>2</sub><br>(N <sub>2</sub> H <sub>5</sub> )F<br>(N <sub>2</sub> H <sub>6</sub> )F <sub>2</sub> | a 7<br>a 8<br>a 9<br>a 10<br>a 8<br>a 9<br>a 9<br>a 392<br>a 13<br>a 14 |
| <b>F - H - M O - N</b><br>NH <sub>4</sub> MgF <sub>3</sub><br>(NH <sub>4</sub> ) <sub>2</sub> MgF <sub>4</sub>   | a 567<br>a 568   | <b>F - H - N - N a - S c</b><br>(NH <sub>4</sub> ) <sub>2</sub> NaScF <sub>6</sub>   | a 806   |
| <b>F - H - M g - N a - N i - 0 - S i</b><br>Na <sub>2,12</sub> Ni <sub>1,07</sub> Mg <sub>5,6</sub> [Si <sub>4</sub> O <sub>11</sub> · (O,OH,F)] <sub>2</sub>  | d 2042   | <b>F - H - N - N a - T l</b><br>(NH <sub>4</sub> ) <sub>2</sub> NaTlF <sub>6</sub>   | a 784   |
| <b>F - H - M g - 0 - S i</b><br>[Mg(H <sub>2</sub> O) <sub>6</sub> ]SiF <sub>6</sub><br>Mg <sub>3</sub> [(SiO <sub>4</sub> )(OH,F) <sub>2</sub> ]<br>Mg <sub>3</sub> [(Si <sub>4</sub> O <sub>10</sub> )(OH,F) <sub>2</sub> ]<br>Mg <sub>5</sub> [(SiO <sub>4</sub> ) <sub>2</sub> (OH,F) <sub>2</sub> ]<br>Mg <sub>7</sub> [(SiO <sub>4</sub> ) <sub>3</sub> (OH,F) <sub>2</sub> ]<br>Mg <sub>9</sub> [(SiO <sub>4</sub> ) <sub>4</sub> (OH,F) <sub>2</sub> ] | a 2104<br>d 1612<br>d 1615<br>d 1611<br>d 1610<br>d 1609 | <b>F - H - N - N b</b><br>NH <sub>4</sub> NbF <sub>6</sub>   | a 1539  |
| <b>F - H - M g - 0 - S n</b><br>[Mg(H <sub>2</sub> O) <sub>6</sub> ]SnF <sub>6</sub>   | a 2122   | <b>F - H - N - N b - 0</b><br>(NH <sub>4</sub> ) <sub>2</sub> NbOF <sub>5</sub><br>(NH <sub>4</sub> ) <sub>3</sub> NbOF <sub>6</sub>   | e 2889<br>e 2888  |
| <b>F - H - M g - 0 - T i</b><br>[Mg(H <sub>2</sub> O) <sub>6</sub> ]TiF <sub>6</sub>   | a 2139   |  |   |
| <b>F - H - M n - N</b><br>NH <sub>4</sub> MnF <sub>3</sub><br>(NH <sub>4</sub> ) <sub>2</sub> MnF <sub>5</sub><br>(NH <sub>4</sub> ) <sub>2</sub> MnF <sub>6</sub>   | a 1721<br>a 1722<br>a 1723                               |  |   |

## 2 Alphabetical formula index

|   |        |   |        |
|---|--------|---|--------|
| <b>F - H - N - N d - 0</b>  |        | <b>F - H - N - P b</b>  |        |
| NdF <sub>3</sub> · 0,2NH <sub>4</sub> F · 0,1H <sub>2</sub> O                         | a 351  | (NH <sub>4</sub> ) <sub>2</sub> PbF <sub>6</sub>                                  | a 1278 |
| <b>F - H - N - N i</b>  |        | <b>F - H - N - P u</b>  |        |
| NH <sub>4</sub> NiF <sub>3</sub>  | a 1932 | (NH <sub>4</sub> ) <sub>4</sub> PuF <sub>8</sub>                                  | a 1187 |
| (NH <sub>4</sub> ) <sub>2</sub> NiF <sub>4</sub>                                      | a 1933 | (NH <sub>4</sub> ) <sub>7</sub> Pu <sub>6</sub> F <sub>31</sub>                   | a 1188 |
| <b>F - H - N - N i - O - S</b>  |        | <b>F - H - N - R e</b>  |        |
| [Ni(NH <sub>3</sub> ) <sub>6</sub> ](SO <sub>3</sub> F) <sub>2</sub>                  | b 4041 | (NH <sub>4</sub> ) <sub>2</sub> ReF <sub>6</sub>                                  | a 1770 |
| <b>F - H - N - N i - P</b>  |        | (N <sub>2</sub> H <sub>6</sub> )ReF <sub>6</sub>                                  | a 1771 |
| [Ni(NH <sub>3</sub> ) <sub>6</sub> ](PF <sub>6</sub> ) <sub>2</sub>                   | a 2196 | <b>F - H - N - R h - S C</b>  |        |
| <b>F - H - N - N p</b>  |        | [Rh(NH <sub>3</sub> ) <sub>6</sub> ]ScF <sub>6</sub>                              | a 2192 |
| (NH <sub>4</sub> ) <sub>4</sub> NpF <sub>8</sub>                                      | a 1166 | <b>F - H - N - S b</b>  |        |
| <b>F - H - N - O</b>  |        | (NH <sub>4</sub> ) <sub>2</sub> SbF <sub>5</sub>                                  | a 1441 |
| (H <sub>2</sub> O) <sub>1-x</sub> (NH <sub>4</sub> F) <sub>x</sub>                    | a 336  | NH <sub>4</sub> SbF <sub>6</sub>  | a 1442 |
| (NH <sub>3</sub> OH)F   | a 15   | NH <sub>4</sub> Sb <sub>4</sub> F <sub>13</sub>                                   | a 1443 |
| NH <sub>4</sub> F · H <sub>2</sub> O  | a 337  | <b>F - H - N - S c</b>  |        |
| 2(NH <sub>4</sub> )H <sub>2</sub> F <sub>3</sub> · H <sub>2</sub> O                   | a 2042 | NH <sub>4</sub> ScF <sub>4</sub>  | a 803  |
| <b>F - H - N - O - P</b>  |        | (NH <sub>4</sub> ) <sub>3</sub> ScF <sub>6</sub> (I)                              | a 804  |
| NH <sub>4</sub> PO <sub>2</sub> F <sub>2</sub>  | c 2418 | (NH <sub>4</sub> ) <sub>3</sub> ScF <sub>6</sub> (II)                             | a 805  |
| (NH <sub>4</sub> ) <sub>2</sub> PO <sub>3</sub> F · H <sub>2</sub> O                  | c 2426 | <b>F - H - N - S i</b>  |        |
| <b>F - H - N - 0 - P b - S n</b>  |        | (NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> (I)                              | a 1217 |
| Pb <sub>2</sub> SnF <sub>5</sub> (NO <sub>3</sub> ) · 2H <sub>2</sub> O               | c 983  | (NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> (II)                             | a 1218 |
| <b>F - H - N - 0 - P u</b>  |        | (NH <sub>4</sub> ) <sub>3</sub> SiF <sub>7</sub>                                  | a 1219 |
| NH <sub>4</sub> PuO <sub>2</sub> F <sub>2</sub>                                       | e 672  | <b>F - H - N - S n</b>  |        |
| <b>F - H - N - 0 - R h - S C</b>  |        | NH <sub>4</sub> SnF <sub>3</sub>  | a 1252 |
| [Rh(NH <sub>3</sub> ) <sub>6</sub> ]ScF <sub>6</sub> · H <sub>2</sub> O               | a 2192 | (NH <sub>4</sub> ) <sub>2</sub> SnF <sub>6</sub>                                  | a 1254 |
| <b>F - H - N - O - S</b>  |        | NH <sub>4</sub> Sn <sub>2</sub> F <sub>5</sub>                                    | a 1253 |
| NH <sub>4</sub> SO <sub>3</sub> F   | b 4031 | <b>F - H - N - T a</b>  |        |
| <b>F - H - N - 0 - S i</b>  |        | NH <sub>4</sub> TaF <sub>6</sub>  | a 1556 |
| (NH <sub>4</sub> ) <sub>3</sub> SiF <sub>6</sub> (NO <sub>3</sub> )                   | c 981  | <b>F - H - N - T c</b>  |        |
| <b>F - H - N - 0 - S n - S r</b>  |        | (N <sub>2</sub> H <sub>6</sub> )TcF <sub>6</sub>                                  | a 1759 |
| Sr <sub>2</sub> Sn <sub>2</sub> F <sub>7</sub> (NO <sub>3</sub> ) · 2H <sub>2</sub> O | c 982  | <b>F - H - N - T h</b>  |        |
| <b>F - H - N - 0 - T a</b>  |        | (NH <sub>4</sub> ) <sub>3</sub> ThF <sub>7</sub>                                  | a 1039 |
| (NH <sub>4</sub> ) <sub>3</sub> TaOF <sub>6</sub>                                     | e 3484 | (NH <sub>4</sub> ) <sub>4</sub> ThF <sub>8</sub>                                  | a 1040 |
| <b>F - H - N - 0 - T i</b>  |        | <b>F - H - N - T i</b>  |        |
| (NH <sub>4</sub> ) <sub>3</sub> TiO <sub>2</sub> F <sub>5</sub>                       | e 1268 | (NH <sub>4</sub> ) <sub>2</sub> TiF <sub>6</sub>                                  | a 1311 |
| <b>F - H - N - O - U</b>  |        | (NH <sub>4</sub> ) <sub>3</sub> TiF <sub>7</sub>                                  | a 1312 |
| [H <sub>3</sub> NOH] <sup>⊕</sup> [UF <sub>5</sub> ] <sup>⊖</sup>                     | a 1124 | N <sub>2</sub> H <sub>4</sub> TiF <sub>6</sub>                                    | a 1313 |
| (NH <sub>4</sub> ) <sub>3</sub> UO <sub>2</sub> F <sub>5</sub>                        | e 562  | <b>F - H - N - T m</b>  |        |
| NH <sub>4</sub> [(UO <sub>2</sub> ) <sub>2</sub> F <sub>5</sub> ] · 3H <sub>2</sub> O | e 594  | NH <sub>4</sub> Tm <sub>3</sub> F <sub>10</sub>                                   | a 993  |
| NH <sub>4</sub> [(UO <sub>2</sub> ) <sub>2</sub> F <sub>5</sub> ] · 4H <sub>2</sub> O | e 595  | <b>F - H - N - U</b>  |        |
| <b>F - H - N - O - V</b>  |        | α-NH <sub>4</sub> UF <sub>5</sub>   | a 1122 |
| (NH <sub>4</sub> )VF <sub>5</sub> · H <sub>2</sub> O                                  | a 2162 | NH <sub>4</sub> UF <sub>6</sub>   | a 1117 |
| (NH <sub>4</sub> ) <sub>2</sub> VOF <sub>4</sub> · H <sub>2</sub> O                   | e 2047 | (NH <sub>4</sub> ) <sub>2</sub> UF <sub>6</sub> (I)                               | a 1118 |
| (NH <sub>4</sub> ) <sub>3</sub> VOF <sub>5</sub>                                      | e 2025 | (NH <sub>4</sub> ) <sub>2</sub> UF <sub>6</sub> (II)                              | a 1119 |
| (NH <sub>4</sub> ) <sub>3</sub> VO <sub>2</sub> F <sub>4</sub>                        | e 2026 | NH <sub>4</sub> UF <sub>7</sub>   | a 1120 |
| <b>F - H - N - P</b>  |        | (NH <sub>4</sub> ) <sub>4</sub> UF <sub>8</sub>                                   | a 1121 |
| NH <sub>4</sub> PF <sub>6</sub>   | a 1400 | (NH <sub>4</sub> ) <sub>7</sub> U <sub>6</sub> F <sub>31</sub>                    | a 1122 |
| <b>F - H - N - P - R u</b>  |        | [N <sub>2</sub> H <sub>5</sub> ] <sup>⊕</sup> [UF <sub>5</sub> ] <sup>⊖</sup>     | a 1123 |
| [Ru(NH <sub>3</sub> ) <sub>5</sub> N <sub>2</sub> ](PF <sub>6</sub> ) <sub>2</sub>    | a 2210 | <b>F - H - N - V</b>  |        |
| <b>F - H - N - P a</b>  |        | (NH <sub>4</sub> ) <sub>3</sub> VF <sub>6</sub>                                   | a 1489 |
| NH <sub>4</sub> PaF <sub>6</sub>  | a 1076 | <b>F - H - N - V - Z r</b>  |        |
| (NH <sub>4</sub> ) <sub>2</sub> PaF <sub>7</sub>                                      | a 1077 | (NH <sub>4</sub> ) <sub>3</sub> Zr <sub>1-x</sub> V <sub>x</sub> F <sub>7-x</sub> | a 1528 |
| (NH <sub>4</sub> ) <sub>4</sub> PaF <sub>8</sub>                                      | a 1078 |   |        |

## 2 Alphabetisches Formelverzeichnis

|  |   |      |   |        |
|--|---|------|---|--------|
| <b>F - H - N - Z n</b>   |   |      | <b>F - H - 0 - P u</b>  |        |
| $\text{NH}_4\text{ZnF}_3$  | a | 592  | $\text{PuF}_4 \cdot n\text{H}_2\text{O}$  | a 362  |
| $(\text{NH}_4)_2\text{ZnF}_4$  | a | 593  | <b>F - H - 0 - P u - R b</b>  |        |
| <b>F - H - N - Z r</b>   |   |      | $\text{RbPuO}_2\text{F}_3 \cdot \text{H}_2\text{O}$                             | e 675  |
| $\text{NH}_4\text{ZrF}_5$ (I)  | a | 1350 | <b>F - H - 0 - R - S i - T i - Y</b>  |        |
| $\text{NH}_4\text{ZrF}_5$ (II)   | a | 1351 | $(\text{Y}, \text{R})_4\text{TiO}[\text{SiO}_4]_2(\text{OH}, \text{F})_6$       | d 1819 |
| $(\text{NH}_4)_2\text{ZrF}_6$ (II)   | a | 1352 | <b>F - H - 0 - R b</b>  |        |
| $(\text{NH}_4)_3\text{ZrF}_7$  | a | 1353 | $\text{RbF} \cdot \text{H}_2\text{O}$   | a 16   |
| $\text{N}_2\text{H}_6\text{ZrF}_6$   | a | 1354 | $2\text{RbF} \cdot 3\text{H}_2\text{O}$   | a 16   |
| <b>F - H - N a</b>   |   |      | $3\text{RbF} \cdot \text{H}_2\text{O}$  | a 16   |
| $\text{NaHF}_2$ (I)  | a | 385  | <b>F - H - 0 - R b - U</b>  |        |
| $\text{NaHF}_2$ (II)   | a | 386  | $\text{RbUO}_2(\text{OH})_2\text{F} \cdot 1,5\text{H}_2\text{O}$                | e 596  |
| <b>F - H - N a - O - P</b>   |   |      | $\text{RbUO}_3\text{F} \cdot 2,5\text{H}_2\text{O}$                             | e 596  |
| $\text{NaPF}_6 \cdot \text{H}_2\text{O}$   | a | 2160 | $\text{Rb}_5(\text{UO}_2)_2(\text{OH})_4\text{F}_5 \cdot 1,5\text{H}_2\text{O}$ | e 597  |
| $2\text{Na}_3\text{PO}_4 \cdot \text{NaF} \cdot 19\text{H}_2\text{O}$  | c | 2271 | $\text{Rb}_5\text{U}_2\text{O}_6\text{F}_5 \cdot 3,5\text{H}_2\text{O}$         | e 597  |
| <b>F - H - N a - 0 - S b</b>   |   |      | <b>F - H - 0 - R b - V</b>  |        |
| $\text{NaSb}(\text{OH})_2\text{F}_4$   | c | 3255 | $\text{Rb}_2\text{VF}_5 \cdot \text{H}_2\text{O}$                               | a 2163 |
| $\text{Na}[\text{Sb}(\text{OH})\text{F}_5]$  | c | 3255 | <b>F - H - O - S</b>  |        |
| <b>F - H - N a - 0 - T e</b>   |   |      | $8\text{SF}_6 \cdot 16\text{H}_2\text{S} \cdot 136\text{H}_2\text{O}$           | b 31   |
| $\text{NaF} \cdot \text{Te}(\text{OH})_6$  | b | 4819 | $\text{SF}_6 \cdot 17\text{H}_2\text{O}$  | b 30   |
| <b>F - H - N a - O - V</b>   |   |      | $8\text{SF}_6 \cdot 136\text{H}_2\text{O}$                                      | b 30   |
| $\text{Na}_7(\text{VO}_4)_2\text{F} \cdot 19\text{H}_2\text{O}$  | e | 2005 | <b>F - H - 0 - S i - Z n</b>  |        |
| <b>F - H - N a - T i</b>   |   |      | $[\text{Zn}(\text{H}_2\text{O})_6]\text{SiF}_6$                                 | a 2105 |
| $\text{Na}_3\text{HTiF}_8$   | a | 1303 | <b>F - H - 0 - S m</b>  |        |
| <b>F - H - N b - 0</b>   |   |      | $\text{Sm}(\text{OH})_{3-3x}\text{F}_{3x}$                                      | b 2026 |
| $\text{HNbF}_6 \cdot 6\text{H}_2\text{O}$  | a | 2166 | <b>F - H - 0 - S n - Z n</b>  |        |
| <b>F - H - N b - 0 - P b - S i - T i - U</b>   |   |      | $[\text{Zn}(\text{H}_2\text{O})_6]\text{SnF}_6$                                 | a 2123 |
| $(\text{U}, \text{Pb})_{1-x}(\text{Si}, \text{Ti}, \text{Nb})_2(\text{O}, \text{F}, \text{OH})_{8-y}$<br>$(x+y)\text{H}_2\text{O}$ | e | 2971 | <b>F - H - 0 - T a</b>  |        |
| <b>F - H - N b - 0 - T a - T i - U</b>   |   |      | $\text{HTaF}_6 \cdot 6\text{H}_2\text{O}$                                       | a 2167 |
| $(\text{U}, \dots)_2(\text{Ti}, \text{Nb}, \text{Ta})_2\text{O}_6(\text{O}, \text{OH}, \text{F})$                                  | e | 3514 | <b>F - H - 0 - T b</b>  |        |
| <b>F - H - N b - 0 - Z n</b>   |   |      | $\text{Tb}(\text{OH})_{3-3x}\text{F}_{3x}$                                      | b 2029 |
| $\text{ZnNbOF}_5 \cdot 6\text{H}_2\text{O}$  | e | 2970 | <b>F - H - 0 - T e</b>  |        |
| <b>F - H - N d - 0</b>   |   |      | $\text{H}_2\text{Te}_2\text{O}_3\text{F}_4$                                     | b 4833 |
| $\text{NdF}_3 \cdot 0,5\text{H}_2\text{O}$   | a | 350  | <b>F - H - 0 - T b</b>  |        |
| $\text{Nd}(\text{OH})_{3-3x}\text{F}_{3x}$   | b | 2025 | $\text{ThF}_4 \cdot 0,5\text{H}_2\text{O}$                                      | a 356  |
| <b>F - H - N i - 0 - S i</b>   |   |      | $\text{ThF}_4 \cdot \text{H}_2\text{O}$   | a 357  |
| $[\text{Ni}(\text{H}_2\text{O})_6]\text{SiF}_6$  | a | 2112 | $\text{ThF}_4 \cdot x\text{H}_2\text{O}$  | a 358  |
| <b>F - H - N i - 0 - S n</b>   |   |      | $\text{ThF}_4 \cdot y\text{H}_2\text{O}$  | a 359  |
| $[\text{Ni}(\text{H}_2\text{O})_6]\text{SnF}_6$  | a | 2131 | <b>F - H - 0 - T i - Z n</b>  |        |
| $\text{Ni}(\text{SnF}_3)_2 \cdot 6\text{H}_2\text{O}$  | a | 2132 | $[\text{Zn}(\text{H}_2\text{O})_6]\text{TiF}_6$                                 | a 2140 |
| $\text{Ni}(\text{Sn}_2\text{F}_5)_2 \cdot 2\text{H}_2\text{O}$   | a | 2133 | <b>F - H - 0 - T l</b>  |        |
| <b>F - H - N i - 0 - T i</b>   |   |      | $2\text{TlH}_2\text{F}_3 \cdot \text{H}_2\text{O}$                              | a 2091 |
| $[\text{Ni}(\text{H}_2\text{O})_6]\text{TiF}_6$  | a | 2145 | <b>F - H - 0 - T l - V</b>  |        |
| <b>F - H - N i - O - U</b>   |   |      | $\text{Tl}_2\text{VF}_5 \cdot \text{H}_2\text{O}$                               | a 2164 |
| $\text{NiU}_2\text{F}_{10} \cdot 8\text{H}_2\text{O}$  | a | 2099 | <b>F - H - O - U</b>  |        |
| $\text{NiU}_2\text{F}_{12} \cdot 4\text{H}_2\text{O}$  | a | 2100 | $\text{H}_2\text{UO}_2\text{F}_4 \cdot 4\text{H}_2\text{O}$                     | e 592  |
| <b>F - H - N i - 0 - Z r</b>   |   |      | $\text{UF}_6 \cdot 2,5\text{H}_2\text{O}$                                       | a 361  |
| $[\text{Ni}(\text{H}_2\text{O})_6]\text{ZrF}_6$  | a | 2156 | $\text{UF}_6 \cdot n\text{H}_2\text{O}$   | a 360  |
| <b>F - H - O - P</b>   |   |      | <b>F - H - 0 - U - Z n</b>  |        |
| $\text{HPF}_6 \cdot 6\text{H}_2\text{O}$   | a | 2159 | $\text{ZnUF}_6 \cdot 5\text{H}_2\text{O}$                                       | a 2095 |
| <b>F - H - 0 - P r</b>   |   |      | <b>F - H - O - V</b>  |        |
| $\text{Pr}(\text{OH})_{3-3x}\text{F}_{3x}$   | b | 2024 | $\text{H}_2\text{VF}_6 \cdot 7\text{H}_2\text{O}$                               | a 2161 |
|  |   |      | $\text{VF}_6 \cdot 3\text{H}_2\text{O}$   | a 369  |

## 2 Alphabetical formula index

|   |   |      |       |
|---|---|------|-------|
| <b>F - H - O - W</b>  |   |      |       |
| HW <sub>2</sub> O <sub>5</sub> F · H <sub>2</sub> O                 | f | 2374 |       |
| H <sub>2</sub> W <sub>2</sub> O <sub>5</sub> F <sub>2</sub>         | f | 2331 |       |
| W <sub>2</sub> O <sub>5</sub> · 2HF                                 | f | 2331 |       |
| <b>F - H - O - Y</b>  |   |      |       |
| Y(OH) <sub>3-3x</sub> F <sub>3x</sub>                               | b | 2022 |       |
| <b>F - H - 0 - Y b</b>  |   |      |       |
| Yb(OH) <sub>3-3x</sub> F <sub>3x</sub>                              | b | 2033 |       |
| <b>F - H - 0 - Z n</b>  |   |      |       |
| ZnF <sub>2</sub> · 4H <sub>2</sub> O                                | a | 339  |       |
| Zn(OH) <sub>1,5</sub> F <sub>0,5</sub>                              | b | 2014 |       |
| Zn <sub>5</sub> (OH) <sub>8</sub> F <sub>2</sub>                    | b | 2013 |       |
| <b>F - H - 0 - Z n - Z r</b>  |   |      |       |
| [Zn(H <sub>2</sub> O) <sub>6</sub> ]ZrF <sub>6</sub>                | a | 2153 |       |
| <b>F - H - 0 - Z r</b>  |   |      |       |
| HZrF <sub>5</sub> · 1,5H <sub>2</sub> O                             | a | 2147 |       |
| HZrF <sub>5</sub> · 3H <sub>2</sub> O                               | a | 2146 |       |
| H <sub>2</sub> ZrF <sub>6</sub> · 0,7H <sub>2</sub> O               | a | 2148 |       |
| ZrF <sub>4</sub> · H <sub>2</sub> O                                 | a | 363  |       |
| ZrF <sub>4</sub> · 3H <sub>2</sub> O                                | a | 364  |       |
| Zr <sub>3</sub> (OH) <sub>2</sub> F <sub>10</sub>                   | b | 2035 |       |
| <b>F - H - R b</b>  |   |      |       |
| RbHF <sub>2</sub> (I)   | a | 393  |       |
| RbHF <sub>2</sub> (II)  | a | 394  |       |
| <b>F - Hf</b>   |   |      |       |
| HfF <sub>4</sub> (I)  | a | 231  |       |
| HfF <sub>4</sub> (II)   | a | 232  |       |
| <b>F - Hf - K</b>   |   |      |       |
| KHfF <sub>5</sub>   | a | 1385 |       |
| K <sub>2</sub> HfF <sub>6</sub>                                     | a | 1386 |       |
| <b>F - Hf - Li</b>  |   |      |       |
| Li <sub>2</sub> HfF <sub>6</sub>                                    | a | 1383 |       |
| <b>F - Hf - Na</b>  |   |      |       |
| Na <sub>3</sub> HfF <sub>7</sub>                                    | a | 1384 |       |
| <b>F - Hf - 0</b>   |   |      |       |
| HfO <sub>x</sub> F <sub>4-2x</sub> (I)                              | b | 1930 |       |
| HfO <sub>x</sub> F <sub>4-2x</sub> (II)                             | b | 1931 |       |
| HfO <sub>x</sub> F <sub>4-2x</sub> (III)                            | b | 1932 |       |
| Hf <sub>2</sub> OF <sub>6</sub>                                     | b | 1933 |       |
| Hf <sub>3</sub> O <sub>2</sub> F <sub>8</sub>                       | b | 1930 |       |
| <b>F - Hf - R b</b>   |   |      |       |
| Rb <sub>2</sub> HfF <sub>6</sub>                                    | a | 1392 |       |
| <b>F - Hf - Tl</b>  |   |      |       |
| Tl <sub>2</sub> HfF <sub>6</sub>                                    | a | 1395 |       |
| <b>F - Hg</b>   |   |      |       |
| HgF <sub>2</sub>  | a | 53   |       |
| Hg <sub>2</sub> F <sub>2</sub>                                      | a | 52   |       |
| <b>F - Hg - K</b>   |   |      |       |
| KHgF <sub>3</sub>   | a | 621  |       |
| <b>F - Hg - M n</b>   |   |      |       |
| HgMnF <sub>6</sub>  | a | 1752 |       |
| <b>F - Hg - N - S</b>   |   |      |       |
| Hg(NSF <sub>2</sub> ) <sub>2</sub>                                  | c | 1125 |       |
| <b>F - Hg - P b</b>   |   |      |       |
| HgPbF <sub>6</sub>  | a | 1291 |       |
| <b>F - Hg - P d</b>   |   |      |       |
| HgPdF <sub>6</sub>  | a | 1994 |       |
| <b>F - Hg - R b</b>   |   |      |       |
| RbHgF <sub>3</sub>  | a | 622  |       |
| <b>F - Hg - S</b>   |   |      |       |
| Hg <sub>3</sub> S <sub>2</sub> F <sub>2</sub>                       | b | 2914 |       |
| <b>F - Hg - S - Si</b>  |   |      |       |
| Hg <sub>3</sub> S <sub>2</sub> [SiF <sub>6</sub> ] (I)              | b | 3041 |       |
| Hg <sub>3</sub> S <sub>2</sub> [SiF <sub>6</sub> ] (II)             | b | 3042 |       |
| <b>F - Ho</b>   |   |      |       |
| HoF <sub>3</sub> (I)  | a | 142  |       |
| HoF <sub>3</sub> (II)   | a | 143  |       |
| <b>F - Ho - K</b>   |   |      |       |
| KHo <sub>2</sub> F <sub>7</sub>                                     | a | 970  |       |
| <b>F - Ho - Li</b>  |   |      |       |
| LiHoF <sub>4</sub>  | a | 965  |       |
| <b>F - Ho - Na</b>  |   |      |       |
| NaHoF <sub>4</sub> (I)  | a | 966  |       |
| NaHoF <sub>4</sub> (II)   | a | 967  |       |
| Na <sub>5</sub> Ho <sub>9</sub> F <sub>32</sub> (I)                 | a | 968  |       |
| Na <sub>5</sub> Ho <sub>9</sub> F <sub>32</sub> (II)                | a | 969  |       |
| Na <sub>1-x</sub> Ho <sub>x</sub> F <sub>1+2x</sub>                 | a | 966  |       |
|   |   |      | a 968 |
| <b>F - Ho - Na - R b</b>  |   |      |       |
| Rb <sub>2</sub> NaHoF <sub>6</sub>                                  | a | 972  |       |
| <b>F - Ho - O</b>   |   |      |       |
| HoOF (I)  | b | 1875 |       |
| HoOF (II)   | b | 1876 |       |
| HoO <sub>1-x</sub> F <sub>1+2x</sub>                                | b | 1877 |       |
| <b>F - Ho - S</b>   |   |      |       |
| HoSF (I)  | b | 2935 |       |
| HoSF (II)   | b | 2936 |       |
| <b>F - Ho - S r</b>   |   |      |       |
| (SrF <sub>2</sub> ) <sub>1-x</sub> (HoF <sub>3</sub> ) <sub>x</sub> | a | 145  |       |
| <b>F - In</b>   |   |      |       |
| InF <sub>3</sub>  | a | 59   |       |
| <b>F - In - K</b>   |   |      |       |
| KInF <sub>4</sub>   | a | 757  |       |
| K <sub>3</sub> InF <sub>6</sub>                                     | a | 758  |       |
| K <sub>5</sub> In <sub>3</sub> F <sub>14</sub>                      | a | 759  |       |
| <b>F - In - K - Na</b>  |   |      |       |
| K <sub>2</sub> NaInF <sub>6</sub>                                   | a | 760  |       |
| <b>F - In - Li - Mg</b>   |   |      |       |
| LiMgInF <sub>6</sub>  | a | 769  |       |
| <b>F - In - Li - Na</b>   |   |      |       |
| Na <sub>3</sub> Li <sub>3</sub> In <sub>2</sub> F <sub>12</sub>     | a | 756  |       |
| <b>F - In - Mg - Na</b>   |   |      |       |
| Na <sub>2</sub> MgInF <sub>7</sub>                                  | a | 770  |       |
| <b>F - In - Na</b>  |   |      |       |
| NaInF <sub>4</sub>  | a | 754  |       |
| Na <sub>3</sub> InF <sub>6</sub> (II)                               | a | 755  |       |

F-In-Na-Rb  
F-In-Na-Tl  
F-In-O  
F-In-Pb  
F-In-Rb  
F-In-Sr  
F-Ir  
F-Ir-K  
F-Ir-Li  
F-Ir-N-O  
F-Ir-Na  
F-Ir-Rb  
F-I  
F-I-K-O  
F-I-O  
F-I-S-Sb  
F-I-Sb  
F-I-Xe  
F-K  
F-K-La  
F-K-La-Mo-O  
F-K-Li-Mg-O-Si  
F-K-Li-O-Ti  
F-K-Li-O-V  
F-K-Li-Si  
F-K-Li-V  
F-K-Lu  
F-K-Mg  
F-K-Mg-Na-O-Si  
F-K-Mg-O-Si  
F-K-Mn  
F-K-Mn-Na  
F-K-Mn-O-S  
F-K-Mn-Rb  
F-K-Mo  
F-K-Mo-Na  
F-K-Mo-Na-O  
F-K-Mo-Nd-O  
F-K-Mo-O  
F-K-Mo-O-Pr  
F-K-Mo-O-Rb  
F-K-Na-Nb-O  
F-K-Na-Nb-O-V  
F-K-Na-O-Ti  
F-K-Na-O-Ti-W  
F-K-Na-O-V  
F-K-Na-O-W  
F-K-Na-O-W-Y  
F-K-Na-Sc  
F-K-Na-Th  
F-K-Na-Ti  
F-K-Na-Tl  
F-K-Na-V  
F-K-Na-Y  
F-K-Nb  
F-K-Nb-O  
F-K-Nb-O-Rb  
F-K-Nd  
F-K-Ni  
F-K-Np  
F-K-Np-O  
F-K-O-P  
F-K-O-Pb-U

F-K-O-Rb-Ti  
F-K-O-Rb-V  
F-K-O-Rb-W  
F-K-O-Rb-W-Y  
F-K-O-S  
F-K-O-Se  
F-K-O-Sr-U  
F-K-O-Ta  
F-K-O-Ti  
F-K-O-U  
F-K-O-V  
F-K-O-W  
F-K-O-Xe  
F-K-O-Zr  
F-K-Os  
F-K-P  
F-K-Pa  
F-K-Pb  
F-K-Pd  
F-K-Pr  
F-K-Pt  
F-K-Pu  
F-K-Rb-Si  
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F-K-Rb-Y  
F-K-Rb-Y-Zr  
F-K-Re  
F-K-Rh  
F-K-Ru  
F-K-Sb  
F-K-Sc  
F-K-Sc-Tl  
F-K-Si  
F-K-Sm  
F-K-Sn  
F-K-Ta  
F-K-Tb  
F-K-Tc  
F-K-Te  
F-K-Th  
F-K-Ti  
F-K-Tl  
F-K-Tm  
F-K-U  
F-K-V  
F-K-W  
F-K-Y  
F-K-Yb  
F-K-Zn  
F-K-Zr  
F-Kr  
F-La  
F-La-Li-Mo-O  
F-La-Mo-Na-O  
F-La-N  
F-La-Na  
F-La-Na-Nb-O  
F-La-Na-O-Si  
F-La-Nd  
F-La-O  
F-La-Pr  
F-La-Pu  
F-La-S

F-La-Se  
F-La-Sm  
F-La-Sr  
F-La-Th  
F-La-U  
F-La-Y  
F-La-Yb  
F-La-Zr  
F-Li  
F-Li-Lu  
F-Li-Mg-Na-O-Si  
F-Li-Mg-O-Rb-Si  
F-Li-Mg-O-Si  
F-Li-Mg-O-Si-Sr  
F-Li-Mg-O-Sn  
F-Li-Mg-O-Ti  
F-Li-Mg-V  
F-Li-Mn  
F-Li-Mo  
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F-Li-Na-Sc  
F-Li-Na-Si  
F-Li-Na-Th  
F-Li-Na-Ti  
F-Li-Na-V  
F-Li-Nb  
F-Li-Nb-O  
F-Li-Ni  
F-Li-Ni-V  
F-Li-Np  
F-Li-O-Rb-V  
F-Li-O-S  
F-Li-O-Sr-W  
F-Li-O-Ti-Zn  
F-Li-Os  
F-Li-P  
F-Li-Pa  
F-Li-Pb  
F-Li-Pd  
F-Li-Pt  
F-Li-Pu  
F-Li-Rb  
F-Li-Rb-Si  
F-Li-Rb-V  
F-Li-Re  
F-Li-Ru  
F-Li-Sb  
F-Li-Si  
F-Li-Sn  
F-Li-Sr-Ti  
F-Li-Sr-V  
F-Li-Ta  
F-Li-Tb  
F-Li-Th  
F-Li-Ti  
F-Li-Tl  
F-Li-Tm  
F-Li-U  
F-Li-V

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F-Li-W  
F-Li-Y  
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F-Lu  
F-Lu-Na  
F-Lu-S  
F-Lu-Sr  
F-Mg  
F-Mg-Mn  
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F-Mg-N  
F-Mg-Na  
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F-Mg-Na-O-Si  
F-Mg-Na-O-Si-Zn  
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F-Mo-O  
F-Mo-O-Rb  
F-Mo-Rb  
F-Mo-Tl  
F-Mo-U  
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F-N-O-P  
F-N-O-Pt  
F-N-O-Re  
F-N-O-Ru  
F-N-O-S

F-N-O-Sb  
F-N-O-Se  
F-N-O-Tc  
F-N-O-U  
F-N-O-W  
F-N-O-Xe  
F-N-P  
F-N-Re  
F-N-S  
F-N-Sr  
F-N-Tc  
F-N-Th  
F-N-U  
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F-N-Zr  
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F-Na-Nb-O-Rb  
F-Na-Nb-O-Sn-Ti  
F-Na-Nb-O-Sr  
F-Na-Nb-O-Ti  
F-Na-Nd  
F-Na-Nd-O-Si  
F-Na-Ni  
F-Na-Np  
F-Na-O-P-Pb  
F-Na-O-Pb-S  
F-Na-O-Pb-Se  
F-Na-O-Pb-Ti-W  
F-Na-O-Pb-U  
F-Na-O-Pr-Si  
F-Na-O-Rb-Ti  
F-Na-O-Rb-V  
F-Na-O-Rb-W  
F-Na-O-Rb-W-Y  
F-Na-O-S  
F-Na-O-Sn-Ti-W  
F-Na-O-Sr-U  
F-Na-O-Sr-W  
F-Na-O-Ta  
F-Na-O-Ti  
F-Na-O-Ti-W  
F-Na-O-Ti-Zn  
F-Na-O-U  
F-Na-O-V  
F-Na-O-W  
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F-Na-Pt  
F-Na-Pu  
F-Na-Rb-Sc  
F-Na-Rb-Sm  
F-Na-Rb-Tb  
F-Na-Rb-Tl  
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F-Na-Rh  
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F-Na-Tl  
F-Na-Tm  
F-Na-U  
F-Na-V  
F-Na-W  
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F-Na-Yb  
F-Na-Zn  
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F-Nb  
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F-Nb-O-Rb  
F-Nb-O-Se  
F-Nb-O-Sn-Ti  
F-Nb-O-Ti-Tl  
F-Nb-O-Tl  
F-Nb-O-Zr  
F-Nb-Pb  
F-Nb-Rb  
F-Nb-Sb  
F-Nb-Se  
F-Nb-Ta  
F-Nb-Tl  
F-Nd  
F-Nd-O  
F-Nd-S  
F-Nd-Se  
F-Nd-Sr  
F-Nd-Te  
F-Ni  
F-Ni-O-Rb-W  
F-Ni-Pb  
F-Ni-Rb  
F-Ni-Sn  
F-Ni-Sr  
F-Ni-Ti  
F-Ni-Tl  
F-Ni-Zr  
F-Np  
F-Np-O  
F-Np-O-Rb  
F-Np-Pb  
F-Np-Rb  
F-Np-Sr  
F-O-Os  
F-O-P-Pb  
F-O-P-Rb



F-O-P-S-Si-Sr  
F-O-P-Sn  
F-O-P-Sr  
F-O-Pa  
F-O-Pb  
F-O-Pb-Rb-U  
F-O-Pb-S-Si  
F-O-Pb-Se-Si  
F-O-Pb-Ti  
F-O-Pb-Tl-U  
F-O-Pb-U  
F-O-Pb-V  
F-O-Pm  
F-O-Pr  
F-O-Pt  
F-O-Pu  
F-O-Pu-Rb  
F-O-Rb-S  
F-O-Rb-Sb  
F-O-Rb-Sr-U  
F-O-Rb-Ta  
F-O-Rb-Ti  
F-O-Rb-Ti-W  
F-O-Rb-Ti-Zn  
F-O-Rb-U  
F-O-Rb-V  
F-O-Rb-W  
F-O-Rb-Zr  
F-O-Re  
F-O-S-Sb  
F-O-S-Si-Sr  
F-O-S-Xe  
F-O-Sb  
F-O-Sc  
F-O-Se  
F-O-Se-Xe  
F-O-Sm  
F-O-Sn  
F-O-Sr-Ta  
F-O-Sr-Ti  
F-O-Sr-Tl-U  
F-O-Sr-V  
F-O-Ta  
F-O-Ta-Tl  
F-O-Tb  
F-O-Tc  
F-O-Te  
F-O-Te-U  
F-O-Te-Xe  
F-O-Th  
F-O-Th-U  
F-O-Ti  
F-O-Ti-Tl-W  
F-O-Ti-V  
F-O-Ti-Zr  
F-O-Tl  
F-O-Tl-Zr  
F-O-Tm  
F-O-U  
F-O-V  
F-O-W  
F-O-W-Xe  
F-O-Xe

F-O-Y  
F-O-Yb  
F-O-Zr  
F-Os  
F-Os-Rb  
F-P-Rb  
F-P-Tl  
F-Pa  
F-Pa-Rb  
F-Pa-Sr  
F-Pb  
F-Pb-Rb  
F-Pb-Sn  
F-Pb-Sr  
F-Pb-Th  
F-Pb-Ti  
F-Pb-U  
F-Pb-V  
F-Pb-Y  
F-Pb-Zn  
F-Pd  
F-Pd-Pt  
F-Pd-Rb  
F-Pd-Sn  
F-Pd-Sr  
F-Pd-Zn  
F-Pm  
F-Pr  
F-Pr-Rb  
F-Pr-S  
F-Pr-Se  
F-Pt  
F-Pt-Rb  
F-Pt-Se  
F-Pt-Sr  
F-Pt-Xe  
F-Pu  
F-Pu-Rb  
F-Pu-Sr  
F-Ra  
F-Rb  
F-Rb-Re  
F-Rb-Rh  
F-Rb-Ru  
F-Rb-Sb  
F-Rb-Si  
F-Rb-Sn  
F-Rb-Sr  
F-Rb-Ta  
F-Rb-Tb  
F-Rb-Tc  
F-Rb-Th  
F-Rb-Ti  
F-Rb-Tl  
F-Rb-U  
F-Rb-V  
F-Rb-W  
F-Rb-Y  
F-Rb-Zn  
F-Rb-Zr  
F-Re  
F-Rh  
F-Ru

F-Ru-Tl  
F-S  
F-S-Sb  
F-S-Sm  
F-S-Tb  
F-S-Y  
F-S-Yb  
F-Sb  
F-Sb-Tl  
F-Sb-Xe  
F-Sc  
F-Sc-Sr  
F-Sc-Tl  
F-Se  
F-Se-Sm  
F-Se-Y  
F-Si  
F-Si-Tl  
F-Sm  
F-Sm-Sr  
F-Sn  
F-Sn-Sr  
F-Sn-Zn  
F-Sr  
F-Sr-Th  
F-Sr-Ti

## 2 Alphabetisches Formelverzeichnis

|   |   |      |  |
|---|---|------|--|
| <b>F - In - Na - Rb</b>   |   |      |  |
| $\text{Rb}_2\text{NaInF}_6$   | a | 765  |  |
| <b>F - In - Na - Tl</b>   |   |      |  |
| $\text{Tl}_2\text{NaIn}^{\text{III}}\text{F}_6$   | a | 774  |  |
| <b>F - In - O</b>   |   |      |  |
| $\text{InOF}$ (I)   | b | 1827 |  |
| $\text{InOF}$ (II)  | b | 1828 |  |
| F - In - Pb   |   |      |  |
| $\text{Pb}_{1-x}\text{In}_x\text{F}_{2+x}$  | a | 214  |  |
| <b>F - In - Rb</b>  |   |      |  |
| $\text{Rb}_3\text{InF}_6$   | a | 764  |  |
| <b>F - In - Sr</b>  |   |      |  |
| $\text{Sr}_2\text{InF}_7$   | a | 771  |  |
| <b>F - Ir</b>   |   |      |  |
| $\text{IrF}_3$  | a | 319  |  |
| $\text{IrF}_5$  | a | 320  |  |
| $\text{IrF}_6$ (I)  | a | 321  |  |
| $\text{IrF}_6$ (II)   | a | 322  |  |
| <b>F - Ir - K</b>   |   |      |  |
| $\text{KIrF}_6$   | a | 2010 |  |
| $\text{K}_2\text{IrF}_6$  | a | 2011 |  |
| <b>F - Ir - Li</b>  |   |      |  |
| $\text{LiIrF}_6$  | a | 2007 |  |
| <b>F - Ir - N - O</b>   |   |      |  |
| $[\text{NO}][\text{IrF}_6]$   | a | 2019 |  |
| $[\text{NO}]_2[\text{IrF}_6]$   | a | 2020 |  |
| $[\text{NO}_2][\text{IrF}_6]$   | a | 2021 |  |
| F - Ir - Na   |   |      |  |
| $\text{NaIrF}_6$  | a | 2008 |  |
| $\text{Na}_2\text{IrF}_6$   | a | 2009 |  |
| <b>F - Ir - Rb</b>  |   |      |  |
| $\text{RbIrF}_6$  | a | 2013 |  |
| $\text{Rb}_2\text{IrF}_6$   | a | 2014 |  |
| F - J   |   |      |  |
| $\text{JF}_5$   | a | 276  |  |
| $\text{JF}_7$ (I)   | a | 277  |  |
| $\text{JF}_7$ (II)  | a | 278  |  |
| <b>F - J - K - O</b>  |   |      |  |
| $\text{KJO}_2\text{F}_2$  | b | 2736 |  |
| <b>F - J - O</b>  |   |      |  |
| $\text{JOF}_3$  | b | 1982 |  |
| <b>F - J - S - Sb</b>   |   |      |  |
| $[\text{S}_7\text{J}][\text{SbF}_6]$  | b | 3043 |  |
| F - J - Sb  |   |      |  |
| $[\text{JF}_4]^\oplus[\text{SbF}_6]^\ominus$  | a | 1465 |  |
| F - J - Xe  |   |      |  |
| $\text{XeF}_2 \cdot \text{JF}_6$  | a | 1704 |  |
| <b>F - K</b>  |   |      |  |
| $\text{KF}$ (I)   | a | 5    |  |
| $\text{KF}$ (II)  | a | 6    |  |
| <b>F - K - La</b>   |   |      |  |
| $\text{KLaF}_4$ (a)   | a | 850  |  |
| $\text{KLaF}_4$ ( $\beta_1$ )   | a | 851  |  |
| $\text{KLa}_2\text{F}_7$  | a | 852  |  |
| <b>F - K - La - MO - O</b>  |   |      |  |
| $\text{KLa}_4\text{Mo}_3\text{O}_{15}\text{F}$  | f | 1185 |  |
| <b>F - K - Li - Mg - O - Si</b>   |   |      |  |
| $(\text{K}_{0,65}\text{Li}_{0,35})(\text{Li}_{0,63}\text{Mg}_{2,40})$<br>$[(\text{Si}_{3,98}\text{O}_{10,1})\text{F}_{1,99}]$ | d | 1537 |  |
| $\text{K}(\text{LiMg}_2)[(\text{Si}_4\text{O}_{10})\text{F}_2]$   | d | 1538 |  |
| $(\text{K}_x\text{Li}_y\text{Mg}_z)[(\text{Si}_4\text{O}_{10})\text{F}_2]$  | d | 1539 |  |
| <b>F - K - Li - O - Ti</b>  |   |      |  |
| $\text{K}_2\text{LiTiOF}_5$   | e | 1266 |  |
| <b>F - K - Li - O - V</b>   |   |      |  |
| $\text{K}_2\text{LiVOF}_5$  | e | 2022 |  |
| <b>F - K - Li - Si</b>  |   |      |  |
| $\text{LiKSiF}_6$   | a | 1216 |  |
| <b>F - K - Li - V</b>   |   |      |  |
| $\text{LiK}_2\text{VF}_6$   | a | 1487 |  |
| <b>F - K - Lu</b>   |   |      |  |
| $\text{KLu}_2\text{F}_7$  | a | 1016 |  |
| <b>F - K - Mg</b>   |   |      |  |
| $\text{KMgF}_3$   | a | 565  |  |
| $\text{K}_2\text{MgF}_4$  | a | 566  |  |
| <b>F - K - Mg - Na - O - Si</b>   |   |      |  |
| $\text{KNaMg}_2[(\text{Si}_4\text{O}_{10})\text{F}_2]$  | d | 1540 |  |
| <b>F - K - Mg - O - Si</b>  |   |      |  |
| $\text{KMg}_{2,5}[(\text{Si}_4\text{O}_{10})\text{F}_2]$  | d | 1536 |  |
| <b>F - K - Mn</b>   |   |      |  |
| $\text{KMnF}_3$ (I)   | a | 1710 |  |
| $\text{KMnF}_3$ (II)  | a | 1711 |  |
| $\text{KMnF}_3$ (III)   | a | 1712 |  |
| $\text{KMnF}_5$   | a | 1714 |  |
| $\text{K}_2\text{MnF}_4$  | a | 1713 |  |
| $\text{K}_2\text{MnF}_6$ (I)  | a | 1715 |  |
| $\text{K}_2\text{MnF}_6$ (II)   | a | 1716 |  |
| $\text{K}_2\text{MnF}_6$ (III)  | a | 1717 |  |
| $\text{K}_3\text{MnF}_6$  | a | 1718 |  |
| $\text{K}_3\text{Mn}_2\text{F}_7$   | a | 1719 |  |
| F - K - Mn - Na   |   |      |  |
| $\text{K}_2\text{NaMnF}_6$  | a | 1720 |  |
| <b>F - K - Mn - O - S</b>   |   |      |  |
| $\text{K}_2\text{Mn}(\text{SO}_4)\text{F}_3$  | b | 3725 |  |
| <b>F - K - Mn - Rb</b>  |   |      |  |
| $\text{K}_{1,5-x}\text{Rb}_x\text{MnF}_{3,5}$   | a | 1730 |  |
| $\text{K}_{2-x}\text{Rb}_x\text{MnF}_4$   | a | 1729 |  |
| $\text{Rb}_{1-x}\text{K}_x\text{MnF}_3$   | a | 1728 |  |
| <b>F - K - Mo</b>   |   |      |  |
| $\text{KMoF}_6$   | a | 1672 |  |
| $\text{K}_2\text{MoF}_8$  | a | 1674 |  |
| $\text{K}_3\text{MoF}_6$  | a | 1673 |  |
| $\text{K}_3\text{MoF}_8$  | a | 1675 |  |

## 2 Alphabetical formula index

|                                   |   |      |                                   |        |
|-----------------------------------|---|------|-----------------------------------|--------|
| <b>F - K - M o - N a</b>          |   |      | <b>F - K - N b - O - R b</b>      |        |
| $K_2NaMoF_6$                      | a | 1676 | $Rb_2KNbO_2F_4$                   | e 2895 |
| <b>F - K - M o - N a - O</b>      |   |      | <b>F - K - N d</b>                |        |
| $K_2NaMoO_3F_3$                   | f | 1161 | $KNd_2F_7$                        | a 913  |
| <b>F - K - M o - N d - O</b>      |   |      | <b>F - K - N i</b>                |        |
| $KNd_4Mo_3O_{15}F$                | f | 1191 | $KNiF_3$                          | a 1927 |
| <b>F - K - M • - O</b>            |   |      | $K_2NiF_4$                        | a 1928 |
| $K_2MoO_2F_4$                     | f | 1160 | $K_2NiF_6$                        | a 1929 |
| $K_3MoO_3F_3$ (II)                | f | 1159 | $K_3NiF_6$                        | a 1930 |
| <b>F - K - M o - O - P i</b>      |   |      | $K_{1+x}NiF_{3+x}$                | a 1931 |
| $KPr_4Mo_3O_{15}F$                | f | 1188 | <b>F - K - N p</b>                |        |
| <b>F - K - M o - O - R b</b>      |   |      | $KNp_2F_9$                        | a 1164 |
| $Rb_2KMoO_3F_3$                   | f | 1170 | $K_2NpF_6$ ( $\alpha$ )           | a 1162 |
| <b>F - K - N a - N b - O</b>      |   |      | $K_2NpF_6$ ( $\beta_1$ )          | a 1163 |
| $K_2NaNbO_2F_4$                   | e | 2887 | $K_7Np_6F_{31}$                   | a 1165 |
| <b>F - K - N a - N b - O - V</b>  |   |      | <b>F - K - N p - O</b>            |        |
| $K_2NaV_{0,5}Nb_{0,5}OF_5$        | e | 2938 | $KNpO_2F_2$                       | e 642  |
| <b>F - K - N a - O - T i</b>      |   |      | $K_3NpO_2F_5$                     | e 643  |
| $K_2NaTiOF_5$                     | e | 1267 | <b>F - K - O - P</b>              |        |
| <b>F - K - N a - O - T i - W</b>  |   |      | $KPO_2F_2$                        | c 2417 |
| $K_2NaTi_{0,5}W_{0,5}O_2F_4$      | f | 2362 | $K_2PO_3F$                        | c 2416 |
| <b>F - K - N a - O - V</b>        |   |      | <b>F - K - O - P b - U</b>        |        |
| $K_2NaVOF_5$                      | e | 2024 | $K_{0,33}PbU_2O_{5,667}F$         | e 577  |
| $K_2NaVO_2F_4$                    | e | 2023 | $KPbU_2O_6F$                      | e 578  |
| <b>F - K - N a - O - W</b>        |   |      | <b>F - K - O - R b - T i</b>      |        |
| $K_2NaWO_3F_3$                    | f | 2342 | $Rb_2KTiOF_5$                     | e 1271 |
| <b>F - K - N a - O - W - Y</b>    |   |      | <b>F - K - O - R b - V</b>        |        |
| $K_2Na(Y_{1-x}W_x)O_{3x}F_{6-3x}$ | f | 2355 | $Rb_2KVOF_5$                      | e 2033 |
| <b>F - K - N a - S c</b>          |   |      | $Rb_2KVO_2F_4$                    | e 2034 |
| $K_2NaScF_6$                      | a | 802  | <b>F - K - O - R b - W</b>        |        |
| <b>F - K - N a - T h</b>          |   |      | $Rb_2KWO_3F_3$                    | f 2345 |
| $KNaThF_6$                        | a | 1038 | <b>F - K - O - R b - W - Y</b>    |        |
| <b>F - K - N a - T i</b>          |   |      | $Rb_2K(Y_{1-x}W_x)O_{3x}F_{6-3x}$ | f 2357 |
| $NaK_2TiF_6$                      | a | 1310 | <b>F - K - O - S</b>              |        |
| <b>F - K - N a - T l</b>          |   |      | $KSO_3F$                          | b 4030 |
| $K_2NaTiF_6$                      | a | 783  | <b>F - K - O - S e</b>            |        |
| <b>F - K - N a - V</b>            |   |      | $K[SeO_2F]$                       | b 4446 |
| $NaK_2VF_6$                       | a | 1488 | <b>F - K - O - S r - U</b>        |        |
| <b>F - K - N a - Y</b>            |   |      | $KSrU_2O_6F$                      | e 568  |
| $K_2NaYF_6$                       | a | 826  | <b>F - K - O - T a</b>            |        |
| <b>F - K - N b</b>                |   |      | $KTa_2O_5F$                       | e 3481 |
| $KNbF_6$                          | a | 1537 | $K_3TaOF_6$                       | e 3480 |
| $K_2NbF_7$                        | a | 1538 | $K_xTaO_{2+x}F_{1-x}$ (I)         | e 3482 |
| <b>F - K - N b - O</b>            |   |      | $K_xTaO_{2+x}F_{1-x}$ (II)        | e 3483 |
| $KNb^{IV}O_2F$                    | e | 2879 | <b>F - K - O - T i</b>            |        |
| $KNb_2O_5F$                       | e | 2884 | $KTiO_2F$                         | e 1263 |
| $K_2NbOF_5$                       | e | 2883 | $K_2Ti_4O_{9-x}F_{2x}$            | e 1262 |
| $K_2NbO_3F$                       | e | 2882 | $K_3TiOF_5$                       | e 1264 |
| $K_3NbOF_6$                       | e | 2881 | $K_{2+x}TiO_xF_{6-x}$             | e 1265 |
| $K_3NbO_2F_4$                     | e | 2880 | <b>F - K - O - U</b>              |        |
| $K_xNbO_{2+x}F_{1-x}$ (I)         | e | 2885 | $K_3UO_2F_5$                      | e 559  |
| $K_xNbO_{2+x}F_{1-x}$ (II)        | e | 2884 | $K_5(UO_2)_2F_9$                  | e 560  |
|                                   |   |      | $K_x(UO_2F_2)_yF_x$               | e 561  |

## 2 Alphabetisches Formelverzeichnis

|   |        |                           |        |
|---|--------|---------------------------|--------|
| F - K - O - V                           |        | F - K - R e               |        |
| $K_2VOF_4$                              | e 2019 | $KReF_6$                  | a 1767 |
| $K_2VO_2F_3$                            | e 2021 | $K_2ReF_6$                | a 1768 |
| $K_3VOF_5$                              | e 2018 | $K_2ReF_8$                | a 1769 |
| $K_3VO_2F_4$                            | e 2020 | F - K - R h               |        |
| $K_xVO_{3x}F_{3-3x}$                    | e 2011 | $K_2RhF_6$                | a 1973 |
| F - K - O - W                           |        | F - K - R u               |        |
| $K_3WO_3F_3$ (II)                       | f 2341 | $KRuF_6$                  | a 1960 |
| $K_xWO_{3-y}F_y$                        | f 2340 | $K_2RuF_6$ (I)            | a 1961 |
| F - K - O - X e                         |        | $K_2RuF_6$ (II)           | a 1962 |
| $KXeO_3F$                               | b 2804 | F - K - S b               |        |
| F - K - O - Z r                         |        | $KSbF_4$                  | a 1435 |
| $K_3ZrF_{7-2x}O_x$                      | e 1462 | $KSbF_6$ (I)              | a 1437 |
| $K_3ZrOF_5$                             | e 1461 | $KSbF_6$ (II)             | a 1438 |
| <b>F - K - O s</b>                      |        | $KSbF_7$                  | a 1439 |
| $KOsF_6$                                | a 1999 | $KSb_4F_{13}$             | a 1440 |
| $K_2OsF_6$                              | a 2000 | $K_2SbF_5$                | a 1436 |
| F - K - P                               |        | F - K - S c               |        |
| $KPF_6$ (I)                             | a 1398 | $K_3ScF_3$                | a 801  |
| $KPF_6$ (II)                            | a 1399 | F - K - S c - T l         |        |
| F - K - P a                             |        | $Tl_2KScF_6$              | a 816  |
| $KPaF_6$                                | a 1072 | $Tl_{3(1-x)}K_{3x}ScF_6$  | a 816  |
| $K_2PaF_7$                              | a 1073 | F - K - S i               |        |
| $K_3PaF_8$                              | a 1074 | $K_2SiF_6$ (I)            | a 1213 |
| $K_7Pa_6F_{31}$                         | a 1075 | $K_2SiF_6$ (II)           | a 1214 |
| F - K - P b                             |        | $K_3SiF_7$                | a 1215 |
| $KPbF_3$ (I)                            | a 1274 | F - K - S m               |        |
| $K_2PbF_6$                              | a 1275 | $KSm_2F_7$                | a 921  |
| $K_4PbF_6$                              | a 1276 | <b>F - K - S n</b>        |        |
| F - K - P d                             |        | $KSnF_3$                  | a 1248 |
| $K_2PdF_6$ (I)                          | a 1980 | $KSn_2F_5$                | a 1249 |
| $K_2PdF_6$ (II)                         | a 1981 | $K_2SnF_6$                | a 1250 |
| <b>F - K - P r</b>                      |        | F - K - T a               |        |
| $KPr_2F_7$                              | a 902  | $KTaF_6$                  | a 1554 |
| $K_3PrF_6$                              | a 901  | $K_2TaF_7$                | a 1555 |
| F - K - R                               |        | F - K - T b               |        |
| $KPtF_6$                                | a 2024 | $KTb_2F_7$                | a 948  |
| $K_2PtF_6$                              | a 2025 | $K_3TbF_7$                | a 949  |
| F - K - P u                             |        | F - K - T c               |        |
| $KPuF_4$                                | a 1183 | $KTcF_6$                  | a 1757 |
| $KPuF_5$                                | a 1186 | $K_2TcF_6$                | a 1758 |
| $KPu_2F_7$                              | a 1184 | F - K - T e               |        |
| $KPu_2F_9$                              | a 1185 | $KTeF_5$                  | a 1561 |
| $K_7Pu_6F_{31}$                         | a 1186 | F - K - T h               |        |
| F - K - R b - S i                       |        | $KThF_5$                  | a 1037 |
| $(K_{1-x}Rb_x)_2SiF_6$                  | a 1223 | $KTh_2F_9$                | a 1035 |
| F - K - R b - V                         |        | $KTh_6F_{25}$             | a 1036 |
| $K_{3-x}Rb_xVF_6$                       | a 1499 | $K_2ThF_6$ ( $\alpha$ )   | a 1031 |
| F - K - R b - Y                         |        | $K_2ThF_6$ ( $\beta_1'$ ) | a 1033 |
| $Rb_2KYF_6$                             | a 829  | $K_2ThF_6$ ( $\beta_1$ )  | a 1032 |
| $Rb_{2-x}K_{1+x}YF_6$                   | a 829  | $K_5ThF_9$                | a 1034 |
| F - K - R b - Y - Z r                   |        | $K_7Th_6F_{31}$           | a 1037 |
| $Rb_2(K_{1-x}Rb_x)(Y_{1-x}Zr_x)F_{6+x}$ | a 1374 |                           |        |

## 2 Alphabetical formula index

|                             |   |       |  |
|-----------------------------|---|-------|--|
| <b>F - K - Ti</b>           |   |       |  |
| $K_2TiF_6$ (I)              | a | 1305  |  |
| $K_2TiF_6$ (II)             | a | 1306  |  |
| $K_2TiF_6$ (III)            | a | 1307  |  |
| $K_3TiF_6$                  | a | 1308  |  |
| $K_3TiF_7$                  | a | 1309  |  |
| $K_5Ti_3F_{14}$             | a | 1309A |  |
| <b>F - K - Tl</b>           |   |       |  |
| $KTiF_4$                    | a | 780   |  |
| $K_3TiF_6$                  | a | 781   |  |
| $K_5Ti_3F_{14}$             | a | 782   |  |
| <b>F - K - Tm</b>           |   |       |  |
| $KTm_2F_7$                  | a | 992   |  |
| <b>F - K - U</b>            |   |       |  |
| $KUF_5$                     | a | 1116  |  |
| $KUF_6$                     | a | 1103  |  |
| $KU_2F_9$                   | a | 1113  |  |
| $KU_3F_{13}$                | a | 1114  |  |
| $KU_6F_{25}$                | a | 1115  |  |
| $K_2UF_6$ ( $\alpha$ )      | a | 1104  |  |
| $K_2UF_6$ ( $\beta'_1$ )    | a | 1106  |  |
| $K_2UF_6$ ( $\beta_1$ )     | a | 1105  |  |
| $K_2UF_6$ ( $\beta_2$ )     | a | 1107  |  |
| $K_3UF_6$                   | a | 1108  |  |
| $K_3UF_7$                   | a | 1109  |  |
| $K_3UF_7$ ( $\alpha$ )      | a | 1110  |  |
| $K_3UF_7$ ( $\alpha'$ )     | a | 1111  |  |
| $K_3UF_8$                   | a | 1112  |  |
| $K_7U_6F_{31}$              | a | 1116  |  |
| <b>F - K - V</b>            |   |       |  |
| $KVF_5$                     | a | 1481  |  |
| $KVF_6$                     | a | 1482  |  |
| $KVF_7$                     | a | 1483  |  |
| $K_2VF_6$ (I)               | a | 1484  |  |
| $K_2VF_6$ (II)              | a | 1485  |  |
| $K_3VF_6$ (I)               | a | 1486  |  |
| <b>F - K - W</b>            |   |       |  |
| $KWF_6$                     | a | 1686  |  |
| $K_2WF_8$                   | a | 1687  |  |
| $K_3WF_6$                   | a | 1688  |  |
| $K_3WF_8$                   | a | 1689  |  |
| <b>F - K - Y</b>            |   |       |  |
| $KYF_6$                     | a | 824   |  |
| $KY_2F_7$                   | a | 825A  |  |
| $KY_3F_{10}$                | a | 825B  |  |
| $KY_7F_{22}$                | a | 825C  |  |
| $K_3YF_6$ (II)              | a | 825   |  |
| $(YF_3)_{1-x}(KF)_x$        | a | 74A   |  |
| <b>F - K - Yb</b>           |   |       |  |
| $KYb_2F_7$                  | a | 1003  |  |
| <b>F - K - Zn</b>           |   |       |  |
| $KZnF_3$                    | a | 589   |  |
| $K_2ZnF_4$                  | a | 590   |  |
| $K_3Zn_2F_7$                | a | 591   |  |
| <b>F - K - Zr</b>           |   |       |  |
| $KZrF_5$                    | a | 1347  |  |
| $K_2ZrF_6$                  | a | 1348  |  |
| $K_3ZrF_7$                  | a | 1349  |  |
| <b>F - Kr</b>               |   |       |  |
| $KrF_2$                     | a | 326   |  |
| <b>F - La</b>               |   |       |  |
| $LaF_3$                     | a | 78    |  |
| <b>F - La - Li - MO - O</b> |   |       |  |
| $LiLa_4Mo_3O_{15}F$         | f | 1183  |  |
| <b>F - La - Mo - Na - O</b> |   |       |  |
| $NaLa_4Mo_3O_{15}F$         | f | 1184  |  |
| <b>F - La - N</b>           |   |       |  |
| $LaN_xF_{3-3x}$             | c | 481   |  |
| <b>F - La - Na</b>          |   |       |  |
| $NaLaF_4$                   | a | 849   |  |
| <b>F - La - Na - Nb - O</b> |   |       |  |
| $NaLa_{0,667}Nb_2O_6F$      | e | 2917  |  |
| <b>F - La - Na - O - Si</b> |   |       |  |
| $Na_2La_8(SiO_4)_6F_2$      | d | 1574  |  |
| <b>F - La - Nd</b>          |   |       |  |
| $La, -_xNd_xF_3$            | a | 111   |  |
| <b>F - La - O</b>           |   |       |  |
| $LaOF$ (I)                  | b | 1836  |  |
| $LaOF$ (II)                 | b | 1837  |  |
| $LaOF$ (III)                | b | 1838  |  |
| $LaOF$ (IV)                 | b | 1839  |  |
| $LaO_{1-x}F_{1+2x}$         | b | 1838  |  |
| <b>F - La - Pr</b>          |   |       |  |
| $La, -_xPr_xF_3$            | a | 102   |  |
| <b>F - La - Pu</b>          |   |       |  |
| $La, -_xPu_xF_3$            | a | 193   |  |
| <b>F - La - S</b>           |   |       |  |
| $LaSF$                      | b | 2917  |  |
| <b>F - La - Se</b>          |   |       |  |
| $LaSeF$ (I)                 | b | 4136  |  |
| $LaSeF$ (II)                | b | 4137  |  |
| $LaSeF$ (III)               | b | 4138  |  |
| $La_2SeF_4$                 | b | 4139  |  |
| <b>F - La - Sm</b>          |   |       |  |
| $La_{1-x}Sm_xF_3$           | a | 121   |  |
| <b>F - La - Sr</b>          |   |       |  |
| $Sr_{1-x}La_xF_{2+x}$ (I)   | a | 81    |  |
| $Sr, -_xLa_xF_{2-x}$ (II)   | a | 82    |  |
| <b>F - La - Th</b>          |   |       |  |
| $La_{1-x}Th_xF_{3+x}$       | a | 169   |  |
| <b>F - La - U</b>           |   |       |  |
| $La_{1-x}U_xF_{3+x}$        | a | 183   |  |

## 2 Alphabetisches Formelverzeichnis

|  |   |      |   |        |
|--|---|------|---|--------|
| <b>F-La-Y</b>  |   |      | <b>F-Li-Na-V</b>  |        |
| $\text{La}_{1-x}\text{Y}_x\text{F}_3$  | a | 85   | $\text{Li}_3\text{Na}_3\text{V}_2\text{F}_{12}$                 | a 1480 |
| <b>F-La-Yb</b>   |   |      | <b>F-Li-Nb</b>  |        |
| $\text{La}_{1-x}\text{Yb}_x\text{F}_3$   | a | 160  | $\text{LiNbF}_6$  | a 1535 |
| <b>F-La-Zr</b>   |   |      | <b>F-Li-Nb-0</b>  |        |
| $\text{La}_{1-x}\text{Zr}_x\text{F}_{3+x}$   | a | 230  | $\text{LiNb}^{\text{IV}}\text{O}_2\text{F}$                     | e 2871 |
| <b>F-Li</b>  |   |      | $\text{LiNb}_6\text{O}_{15}\text{F}$                            | e 2873 |
| $\text{LiF}$   | a | 2    | $\text{Li}_2\text{NbOF}_5$                                      | e 2872 |
| <b>F-Li-Lu</b>   |   |      | <b>F-Li-Ni</b>  |        |
| $\text{LiLuF}_4$   | a | 1010 | $\text{Li}_2\text{NiF}_4$                                       | a 1922 |
| <b>F-Li-Mg-Na-0-Si</b>   |   |      | <b>F-Li-Ni-V</b>  |        |
| $(\text{Li},\text{Mg})_3[(\text{Si}_4\text{O}_{10})\text{F}_2] \cdot \text{Na}_{0,58}$ | d | 1535 | $\text{LiNiVF}_6$   | a 1533 |
| $(\text{Na},\text{Li})_{0,5}(\text{Li}_{0,5}\text{Mg}_{1,5})\text{Mg}_5 \cdot$         |   |      | <b>F-Li-Np</b>  |        |
| $[(\text{Si}_4\text{O}_{11})\text{F}]_2$   | d | 1534 | $\text{LiNpF}_5$  | a 1158 |
| <b>F-Li-Mg-0-Rb-Si</b>   |   |      | <b>F-Li-0-Rb-V</b>  |        |
| $(\text{Rb}_x,\text{Li},\text{Mg})_3[(\text{Si}_4\text{O}_{10})\text{F}_2]$            | d | 1541 | $\text{Rb}_2\text{LiVOF}_5$                                     | e 2030 |
| <b>F-Li-Mg-0-Si</b>  |   |      | <b>F-Li-O-S</b>   |        |
| $(\text{Li},\text{Mg})_3[(\text{Si}_4\text{O}_{10})\text{F}_2] \cdot \text{Li}_{0,35}$ | d | 1532 | $\text{LiSO}_3\text{F}$   | b 4029 |
| $\text{LiMg}_{6,5}[(\text{Si}_4\text{O}_{11})\text{F}]_2$                              | d | 1531 | <b>F-Li-0-Sr-W</b>  |        |
| <b>F-Li-Mg-0-Si-Sr</b>   |   |      | $\text{Sr}_2\text{LiWO}_3\text{F}$                              | f 2350 |
| $(\text{Li},\text{Sr}_x,\text{Mg})_3[(\text{Si}_4\text{O}_{10})\text{F}_2]$            | d | 1556 | <b>F-Li-0-Ti-Zn</b>   |        |
| <b>F-Li-Mg-0-Sn</b>  |   |      | $\text{Li}_y\text{Zn}_{2-x}\text{Ti}_z\text{O}_{4-w}\text{F}_w$ | e 1281 |
| $\text{Li}_{0,5}\text{Mg}_{1,5}\text{SnO}_{3,5}\text{F}_{0,5}$                         | d | 3259 | <b>F-Li-0s</b>  |        |
| <b>F-Li-Mg-0-Ti</b>  |   |      | $\text{LiOsF}_6$  | a 1995 |
| $\text{Mg}_{2-x}\text{Li}_y\text{Ti}_z\text{O}_{4-w}\text{F}_w$                        | e | 1276 | <b>F-Li-P</b>   |        |
| <b>F-Li-Mg-V</b>   |   |      | $\text{LiPF}_6$   | a 1396 |
| $\text{LiMgVF}_6$  | a | 1512 | <b>F-Li-Pa</b>  |        |
| <b>F-Li-Mn</b>   |   |      | $\text{LiPaF}_5$  | a 1067 |
| $\text{Li}_2\text{MnF}_5$  | a | 1705 | $\text{Li}_3\text{PaF}_8$                                       | a 1068 |
| $\text{Li}_2\text{MnF}_6$  | a | 1706 | <b>F-Li-Pb</b>  |        |
| <b>F-Li-Mo</b>   |   |      | $\text{Li}_2\text{PbF}_6$                                       | a 1272 |
| $\text{LiMoF}_6$   | a | 1668 | <b>F-Li-Pd</b>  |        |
| $\text{Li}_2\text{MoF}_6$  | a | 1669 | $\text{Li}_2\text{PdF}_6$                                       | a 1978 |
| <b>F-Li-Mo-Nd-0</b>  |   |      | <b>F-Li-Pt</b>  |        |
| $\text{LiNd}_4\text{Mo}_3\text{O}_{15}\text{F}$  | f | 1189 | $\text{Li}_2\text{PtF}_6$                                       | a 2022 |
| <b>F-Li-Mo-0-Pr</b>  |   |      | <b>F-Li-Pu</b>  |        |
| $\text{LiPr}_4\text{Mo}_3\text{O}_{15}\text{F}$  | f | 1186 | $\text{LiPuF}_5$  | a 1177 |
| $\text{LiPr}_4\text{Mo}_3\text{O}_{16}\text{F}$  | f | 1186 | <b>F-Li-Rb</b>  |        |
| <b>F-Li-Mo-0-Sr</b>  |   |      | $\text{RbLiF}_2$  | a 397  |
| $\text{Sr}_2\text{LiMoO}_3\text{F}$  | f | 1177 | <b>F-Li-Rb-Si</b>   |        |
| <b>F-Li-Na</b>   |   |      | $\text{LiRbSiF}_6$  | a 1222 |
| $\text{Na}_{1-x}\text{Li}_x\text{F}$   | a | 4    | <b>F-Li-Rb-V</b>  |        |
| <b>F-Li-Na-Rh</b>  |   |      | $\text{Li}_{0,5}\text{RbV}_{1,5}\text{F}_6$                     | a 1497 |
| $\text{Na}_3\text{Li}_3\text{Rh}_2\text{F}_{12}$                                       | a | 1972 | $\text{LiRb}_2\text{VF}_6$                                      | a 1496 |
| <b>F-Li-Na-Sc</b>  |   |      | <b>F-Li-Re</b>  |        |
| $\text{Li}_3\text{Na}_3\text{Sc}_2\text{F}_{12}$                                       | a | 800  | $\text{LiReF}_6$  | a 1764 |
| <b>F-Li-Na-Si</b>  |   |      | <b>F-Li-Ru</b>  |        |
| $\text{LiNaSiF}_6$   | a | 1211 | $\text{LiRuF}_6$  | a 1957 |
| $\text{LiNa}_3(\text{SiF}_6)_2$  | a | 1212 | <b>F-Li-Sb</b>  |        |
| <b>F-Li-Na-Th</b>  |   |      | $\text{LiSbF}_6$  | a 1431 |
| $(\text{Na},\text{Li})_7\text{Th}_6\text{F}_{31}$                                      | a | 1030 | <b>F-Li-Si</b>  |        |
| <b>F-Li-Na-Ti</b>  |   |      | $\text{Li}_2\text{SiF}_6$                                       | a 1209 |
| $\text{Na}_3\text{Li}_3\text{Ti}_2\text{F}_{12}$                                       | a | 1304 |   |        |

## 2 Alphabetical formula index

|   |   |      |  |         |
|---|---|------|--|---------|
| <b>F - Li - Sn</b>                                    |   |      | <b>F - Lu - Na</b>   |         |
| Li <sub>2</sub> SnF <sub>6</sub> (I)                  | a | 1242 | NaLuF <sub>4</sub> (I)   | a 1011  |
| Li <sub>2</sub> SnF <sub>6</sub> (II)                 | a | 1243 | NaLuF <sub>4</sub> (II)  | a 1012  |
| <b>F - Li - Sr - Ti</b>                               |   |      | Na <sub>3</sub> Lu <sub>9</sub> F <sub>32</sub> (I)  | a 1014  |
| LiSrTiF <sub>6</sub>                                  | a | 1323 | Na <sub>3</sub> Lu <sub>9</sub> F <sub>32</sub> (II)   | a 1015  |
| <b>F - Li - Sr - V</b>                                |   |      | Na <sub>1-x</sub> Lu <sub>x</sub> F <sub>1+2x</sub>  | a 1013  |
| LiSrVF <sub>6</sub>                                   | a | 1518 | <b>F - Lu - S</b>  |         |
| <b>F - Li - Ta</b>                                    |   |      | LuSF   | b 2940  |
| LiTaF <sub>6</sub>                                    | a | 1550 | <b>F - Lu - Sr</b>   |         |
| <b>F - Li - Tb</b>                                    |   |      | (SrF <sub>2</sub> ) <sub>1-x</sub> (LuF <sub>3</sub> ) <sub>x</sub>                                    | a 164   |
| LiTbF <sub>4</sub>                                    | a | 943  | <b>F - Mg</b>  |         |
| <b>F - Li - Th</b>                                    |   |      | MgF <sub>2</sub> (II)  | a 32    |
| LiThF <sub>5</sub>                                    | a | 1018 | MgF <sub>2</sub> (III)   | a 33    |
| LiTh <sub>2</sub> F <sub>9</sub>                      | a | 1020 | <b>F - Mg - Mn</b>   |         |
| LiTh <sub>4</sub> F <sub>17</sub>                     | a | 1021 | MgMnF <sub>6</sub>   | a 1740  |
| Li <sub>3</sub> ThF <sub>7</sub>                      | a | 1019 | MgMn <sub>2</sub> F <sub>6</sub>   | a 1742  |
| Li <sub>7</sub> Th <sub>6</sub> F <sub>31</sub>       | a | 1018 | Mg <sub>2</sub> MnF <sub>6</sub>   | a 1741  |
| <b>F - Li - Ti</b>                                    |   |      | <b>F - Mg - Mn - Na - O - Si</b>   |         |
| Li <sub>2</sub> TiF <sub>6</sub> (I)                  | a | 1297 | Na <sub>2</sub> Mg <sub>5</sub> Mn <sup>II</sup> [(Si <sub>4</sub> O <sub>11</sub> )F] <sub>2</sub>    | d 1582A |
| Li <sub>2</sub> TiF <sub>6</sub> (II)                 | a | 1298 | <b>F - Mg - N</b>  |         |
| Li <sub>3</sub> TiF <sub>6</sub> (I)                  | a | 1299 | Mg <sub>2</sub> NF (I)   | c 473   |
| Li <sub>3</sub> TiF <sub>6</sub> (II)                 | a | 1300 | Mg <sub>2</sub> NF (II)  | c 474   |
| <b>F - Li - Tl</b>                                    |   |      | Mg <sub>3</sub> NF <sub>3</sub>  | c 472   |
| LiTlF <sub>4</sub>                                    | a | 775  | <b>F - Mg - Na</b>   |         |
| <b>F - Li - Tm</b>                                    |   |      | NaMgF <sub>3</sub> (I)   | a 562   |
| LiTmF <sub>4</sub>                                    | a | 987  | NaMgF <sub>3</sub> (II)  | a 563   |
| <b>F - Li - U</b>                                     |   |      | NaMgF <sub>3</sub> (III)   | a 564   |
| LiUF <sub>5</sub>                                     | a | 1087 | <b>F - Mg - Na - Ni - O - Si</b>   |         |
| LiUF <sub>6</sub>                                     | a | 1088 | Na <sub>2</sub> Mg <sub>5</sub> Ni <sup>II</sup> [(Si <sub>4</sub> O <sub>11</sub> )F] <sub>2</sub>    | d 1587  |
| Li <sub>4</sub> UF <sub>8</sub>                       | a | 1089 | <b>F - Mg - Na - O - Si</b>  |         |
| <b>F - Li - V</b>                                     |   |      | Na <sub>1,97</sub> Mg <sub>6,01</sub> [(Si <sub>7,97</sub> O <sub>22</sub> )F <sub>1,96</sub> ]        | d 1533  |
| LiVF <sub>6</sub>                                     | a | 1475 | Na <sub>2</sub> Mg <sub>6</sub> [(Si <sub>4</sub> O <sub>11</sub> )F] <sub>2</sub>                     | d 1533  |
| Li <sub>3</sub> VF <sub>6</sub> (II)                  | a | 1476 | <b>F - Mg - Na - O - Si - Zn</b>   |         |
| Li <sub>3</sub> VF <sub>6</sub> (III)                 | a | 1477 | Na <sub>2</sub> Zn <sub>1,4</sub> Mg <sub>4,6</sub> [(Si <sub>4</sub> O <sub>11</sub> )F] <sub>2</sub> | d 1558  |
| <b>F - Li - V - Zn</b>                                |   |      | <b>F - Mg - Na - Sc</b>  |         |
| LiZnVF <sub>6</sub>                                   | a | 1521 | Na <sub>2</sub> MgScF <sub>7</sub>   | a 810   |
| <b>F - Li - W</b>                                     |   |      | <b>F - Mg - Na - V</b>   |         |
| LiWF <sub>6</sub>                                     | a | 1684 | Na <sub>2</sub> MgVF <sub>7</sub>  | a 1513  |
| <b>F - Li - Y</b>                                     |   |      | <b>F - Mg - Nb - O</b>   |         |
| LiYF <sub>4</sub>                                     | a | 817  | MgNb <sub>14</sub> O <sub>35</sub> F <sub>2</sub>  | e 2901  |
| <b>F - Li - Yb</b>                                    |   |      | <b>F - Mg - O - P</b>  |         |
| LiYbF <sub>4</sub>                                    | a | 997  | Mg <sub>2</sub> PO <sub>4</sub> F  | c 2216  |
| <b>F - Li - Zn</b>                                    |   |      | <b>F - Mg - O - Si</b>   |         |
| Li <sub>2</sub> ZnF <sub>4</sub>                      | a | 587  | Mg <sub>3</sub> [(SiO <sub>4</sub> )F] <sub>2</sub>  | d 1530  |
| <b>F - Li - Zr</b>                                    |   |      | Mg <sub>7</sub> [(SiO <sub>4</sub> ) <sub>3</sub> F] <sub>2</sub>                                      | d 1610  |
| (LiF) <sub>1-x</sub> (ZrF <sub>4</sub> ) <sub>x</sub> | a | 227  | <b>F - Mg - Pb</b>   |         |
| Li <sub>2</sub> ZrF <sub>6</sub>                      | a | 1335 | MgPbF <sub>6</sub>   | a 1284  |
| Li <sub>4</sub> ZrF <sub>8</sub>                      | a | 1336 | <b>F - Mg - Pd</b>   |         |
| <b>F - Lu</b>   |   |      | MgPdF <sub>6</sub>   | a 1985  |
| LuF <sub>3</sub> (I)                                  | a | 161  | <b>F - Mg - Pt</b>   |         |
| LuF <sub>3</sub> (II)                                 | a | 162  | MgPtF <sub>6</sub>   | a 2029  |



## 2 Alphabetisches Formelverzeichnis

|  |   |      |  |
|--|---|------|--|
| <b>F-Mg-Rb</b>   |   |      |  |
| RbMgF <sub>3</sub> (I)   | a | 569  |  |
| RbMgF <sub>3</sub> (II)  | a | 570  |  |
| Rb <sub>2</sub> MgF <sub>4</sub>   | a | 571  |  |
| <b>F-Mg-Sc</b>   |   |      |  |
| (ScF <sub>3</sub> ) <sub>x</sub> (MgF <sub>2</sub> ) <sub>1-x</sub>                                | a | 70   |  |
| <b>F-Mg-So</b>   |   |      |  |
| MgSnF <sub>6</sub>   | a | 1258 |  |
| <b>F-Mg-Ti</b>   |   |      |  |
| Tl <sub>2</sub> MgF <sub>4</sub>   | a | 579  |  |
| <b>F-Mg-Zr</b>   |   |      |  |
| MgZrF <sub>6</sub> (I)   | a | 1365 |  |
| <b>F-Mn</b>  |   |      |  |
| MnF <sub>2</sub> (I)   | a | 279  |  |
| MnF <sub>2</sub> (II)  | a | 280  |  |
| MnF <sub>2</sub> (III)   | a | 281  |  |
| MnF <sub>2</sub> (IV)  | a | 282  |  |
| MnF <sub>3</sub>   | a | 283  |  |
| <b>F-Mn-Na</b>   |   |      |  |
| NaMnF <sub>3</sub>   | a | 1707 |  |
| Na <sub>2</sub> MnF <sub>3</sub>   | a | 1708 |  |
| Na <sub>2</sub> MnF <sub>6</sub>   | a | 1709 |  |
| <b>F-Ma-Ni</b>   |   |      |  |
| NiMnF <sub>6</sub>   | a | 1755 |  |
| Ni <sub>x</sub> Mn <sub>x</sub> F <sub>2</sub>   | a | 304B |  |
| <b>F-Mn-O-Sb</b>   |   |      |  |
| Mn <sub>x</sub> + <sub>y/2</sub> [Sb <sub>2</sub> O <sub>6</sub> (O <sub>x</sub> F <sub>y</sub> )] | c | 3245 |  |
| <b>F-Mn-Pb</b>   |   |      |  |
| MnPb <sub>2</sub> F <sub>6</sub>   | a | 1292 |  |
| Pb <sub>2</sub> MnF <sub>6</sub>   | a | 1754 |  |
| <b>F-Mn-Rb</b>   |   |      |  |
| RbMnF <sub>3</sub>   | a | 1724 |  |
| Rb <sub>2</sub> MnF <sub>4</sub>   | a | 1725 |  |
| Rb <sub>2</sub> MnF <sub>6</sub> (I)   | a | 1726 |  |
| Rb <sub>2</sub> MnF <sub>6</sub> (II)  | a | 1727 |  |
| <b>F-Mn-Sr</b>   |   |      |  |
| SrMnF <sub>6</sub>   | a | 1745 |  |
| <b>F-Ma-Ti</b>   |   |      |  |
| MnTiF <sub>6</sub>   | a | 1332 |  |
| <b>F-Mn-Tl</b>   |   |      |  |
| TlMnF <sub>3</sub>   | a | 1753 |  |
| <b>F-Mn-Zn</b>   |   |      |  |
| ZnMnF <sub>6</sub>   | a | 1748 |  |
| <b>F-Mn-Zr</b>   |   |      |  |
| MnZrF <sub>6</sub>   | a | 1379 |  |
| <b>F-Mo</b>  |   |      |  |
| MoF <sub>3</sub>   | a | 263  |  |
| MoF <sub>5</sub>   | a | 264  |  |
| MoF <sub>6</sub> (I)   | a | 265  |  |
| MoF <sub>6</sub> (II)  | a | 266  |  |
| <b>F-Mo-N-O</b>  |   |      |  |
| [NO] <sup>⊕</sup> [MoF <sub>6</sub> ] <sup>⊖</sup>   | a | 1683 |  |
| <b>F-Mo-Na</b>   |   |      |  |
| NaMoF <sub>6</sub>   | a | 1670 |  |
| Na <sub>2</sub> MoF <sub>6</sub>   | a | 1671 |  |
| <b>F-Mo-Na-Nd-O</b>  |   |      |  |
| NaNd <sub>4</sub> Mo <sub>3</sub> O <sub>15</sub> F  | f | 1190 |  |
| <b>F-Mo-Na-O</b>   |   |      |  |
| NaMoOF <sub>5</sub>  | f | 1158 |  |
| Na <sub>3</sub> MoO <sub>3</sub> F <sub>3</sub> (II)   | f | 1157 |  |
| <b>F-Mo-Na-O-h</b>   |   |      |  |
| NaPr <sub>4</sub> Mo <sub>3</sub> O <sub>15</sub> F  | f | 1187 |  |
| <b>F-Mo-Na-O-Rb</b>  |   |      |  |
| Rb <sub>2</sub> NaMoO <sub>3</sub> F <sub>3</sub>  | f | 1169 |  |
| <b>F-Mo-Na-O-Sr</b>  |   |      |  |
| Sr <sub>2</sub> NaMoO <sub>5</sub> F   | f | 1178 |  |
| <b>F-Mo-Nb-O</b>   |   |      |  |
| MoNb <sub>15</sub> O <sub>40</sub> F   | b | 1977 |  |
| <b>F-Mo-O</b>  |   |      |  |
| MoOF <sub>2</sub>  | b | 1972 |  |
| MoOF <sub>4</sub> (I)  | b | 1975 |  |
| MoOF <sub>4</sub> (II)   | b | 1976 |  |
| MoO <sub>3-x</sub> F <sub>x</sub> (I)  | b | 1973 |  |
| MoO <sub>3-x</sub> F <sub>x</sub> (II)   | b | 1974 |  |
| Mo <sub>4</sub> O <sub>11</sub> F  | b | 1974 |  |
| Mo <sub>4</sub> O <sub>11.2</sub> F <sub>0.8</sub>   | b | 1974 |  |
| <b>F-Mo-O-Rb</b>   |   |      |  |
| RbMoOF <sub>5</sub>  | f | 1168 |  |
| Rb <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub>  | f | 1167 |  |
| Rb <sub>3</sub> MoO <sub>3</sub> F <sub>3</sub> (II)   | f | 1166 |  |
| <b>F-Mo-Rb</b>   |   |      |  |
| RbMoF <sub>6</sub>   | a | 1678 |  |
| RbMoF <sub>5</sub>   | a | 1679 |  |
| <b>F-Mo-Tl</b>   |   |      |  |
| TlMoF <sub>6</sub>   | a | 1682 |  |
| <b>F-Mo-U</b>  |   |      |  |
| (UF <sub>6</sub> ) <sub>x</sub> (MoF <sub>6</sub> ) <sub>1-x</sub> (I)                             | a | 267  |  |
| (UF <sub>6</sub> ) <sub>x</sub> (MoF <sub>6</sub> ) <sub>1-x</sub> (II)                            | a | 268  |  |
| (UF <sub>6</sub> ) <sub>x</sub> (MoF <sub>6</sub> ) <sub>1-x</sub> (III)                           | a | 269  |  |
| <b>F-N</b>   |   |      |  |
| N <sub>2</sub> F <sub>4</sub>  | a | 233  |  |
| <b>F-N-O-Os</b>  |   |      |  |
| [NO][OsF <sub>6</sub> ]  | a | 2005 |  |
| [NO][OsF <sub>7</sub> ]  | a | 2006 |  |
| (NO)OsOF <sub>5</sub>  | f | 3982 |  |
| <b>F-N-O-P</b>   |   |      |  |
| (NO)(PO <sub>2</sub> F <sub>2</sub> )  | c | 2423 |  |
| <b>F-N-O-Pt</b>  |   |      |  |
| [NO][PtF <sub>6</sub> ]  | a | 2032 |  |
| [NO] <sub>2</sub> [PtF <sub>6</sub> ]  | a | 2033 |  |
| [NO <sub>2</sub> ][PtF <sub>6</sub> ]  | a | 2034 |  |
| [N <sub>2</sub> O <sub>3</sub> ][PtF <sub>6</sub> ]  | a | 2035 |  |
| <b>F-N-O-Re</b>  |   |      |  |
| [NO] <sup>⊕</sup> [ReF <sub>6</sub> ] <sup>⊖</sup>   | a | 1780 |  |
| (NO)ReOF <sub>5</sub>  | f | 2944 |  |

## 2 Alphabetical formula index

|   |         |  |        |
|---|---------|--|--------|
| <b>F - N - 0 - R u</b>                      |         | $\text{NaNb}_6\text{O}_{15}\text{F}$   | e 2878 |
| $[\text{NO}][\text{RuF}_6]$                 | a 1970  | $\text{Na}_2\text{Nb}_2\text{O}_5\text{F}_2$   | e 2876 |
| <b>F - N - O - S</b>                        |         | <b>F - N a - N b - 0 - P - S i - T i</b>   |        |
| $(\text{NO})\text{SO}_3\text{F}$            | b 4034  | $\text{Na}_{11}\text{Nb}_2\text{TiSi}_4\text{P}_2\text{O}_{25}\text{F}$                    | d 2192 |
| $(\text{NO}_2)\text{SO}_3\text{F}$          | b 4035  | <b>F - N a - N b - 0 - R b</b>   |        |
| <b>F - N - 0 - S b</b>                      |         | $\text{Rb}_2\text{NaNbO}_2\text{F}_4$  | e 2894 |
| $[\text{NO}]^\oplus[\text{SbF}_6]^\ominus$  | a 1456  | <b>F - N a - N b - 0 - S n - T i</b>   |        |
| <b>F - N - O - S e</b>                      |         | $\text{NaSnTiNbO}_5\text{F}_2$   | e 2931 |
| $\text{NO}_2\text{SeOF}_5$                  | b 1965  | <b>F - N a - N b - 0 - S r</b>   |        |
| <b>F - N - 0 - T c</b>                      |         | $\text{NaSrNb}_2\text{O}_6\text{F}$  | e 2905 |
| $[\text{NO}]^\oplus[\text{TcF}_6]^\ominus$  | a 1763  | <b>F - N a - N b - 0 - T i</b>   |        |
| <b>F - N - O - U</b>                        |         | $\text{Na}_2\text{TiNbO}_4\text{F}_3$  | e 2924 |
| $[\text{NO}]^\oplus[\text{UF}_6]^\ominus$   | a 1155  | <b>F - N a - N d</b>   |        |
| $[\text{NO}]^\oplus[\text{UF}_7]^\ominus$   | a 1156  | $\text{NaNdF}_4$ (I)   | a 910  |
| $[\text{NO}_2]^\oplus[\text{UF}_7]^\ominus$ | a 1157  | $\text{NaNdF}_4$ (II)  | a 911  |
| <b>F - N - O - W</b>                        |         | $\text{Na}_5\text{Nd}_9\text{F}_{32}$  | a 912  |
| $[\text{NO}]^\oplus[\text{WF}_6]^\ominus$   | a 1694  | $\text{Na}_{1-x}\text{Nd}_x\text{F}_{1+2x}$  | a 910  |
| $[\text{NO}]^\oplus[\text{WF}_7]^\ominus$   | a 1695  |  | a 912  |
| <b>F - N - 0 - X e</b>                      |         | <b>F - N a - N d - 0 - S i</b>   |        |
| $[\text{NO}]_2[\text{XeF}_8]$               | a 2041A | $\text{Na}_2\text{Nd}_8(\text{SiO}_4)_6\text{F}_2$   | d 1577 |
| <b>F - N - P</b>                            |         | <b>F - N a - N i</b>   |        |
| $(\text{PNF}_2)_3$                          | c 2479  | $\text{NaNiF}_3$   | a 1923 |
| $(\text{PNF}_2)_4$                          | c 2480  | $\text{Na}_2\text{NiF}_6$ (I)  | a 1924 |
| $(\text{PNF}_2)_x$ (I)                      | c 2477  | $\text{Na}_2\text{NiF}_6$ (II)   | a 1925 |
| $(\text{PNF}_2)_x$ (II)                     | c 2478  | $\text{Na}_3\text{NiF}_6$  | a 1926 |
| <b>F - N - R e</b>                          |         | <b>F - N a - N p</b>   |        |
| $\text{ReNF}$                               | c 488   | $\text{Na}_2\text{NpF}_6$  | a 1159 |
| <b>F - N - S</b>                            |         | $\text{Na}_3\text{NpF}_8$  | a 1160 |
| $(\text{SNF})_4$                            | c 1124  | $\text{Na}_7\text{Np}_6\text{F}_{31}$  | a 1161 |
| <b>F - N - S r</b>                          |         | <b>F - N a - 0 - P - P b</b>   |        |
| $\text{Sr}_2\text{NF}$                      | c 476   | $[\text{Pb}_8\text{Na}_2(\text{PO}_4)_6]_x[\text{Pb}_{10}(\text{PO}_4)_6\text{F}_2]_{1-x}$ | c 2240 |
| <b>F - N - T c</b>                          |         | <b>F - N a - 0 - P b - S</b>   |        |
| $\text{TcNF}$                               | c 487   | $\text{Na}_6\text{Pb}_4(\text{SO}_4)_6\text{F}_2$  | b 3724 |
| <b>F - N - T h</b>                          |         | <b>F - N a - 0 - P b - S e</b>   |        |
| $\text{ThNF}$                               | c 484   | $\text{Na}_6\text{Pb}_4(\text{SeO}_4)_6\text{F}_2$   | b 4402 |
| $\text{ThN}_x\text{F}_{4-3x}$ (I)           | c 482   | <b>F - N a - 0 - P b - T i - W</b>   |        |
| $\text{ThN}_x\text{F}_{4-3x}$ (II)          | c 483   | $\text{NaPbTiWO}_6\text{F}$  | f 2368 |
| <b>F - N - U</b>                            |         | <b>F - N a - 0 - P b - U</b>   |        |
| $\text{UNF}$                                | c 485   | $\text{NaUO}_3\text{F} \cdot (\text{Pb}_2\text{U}_2\text{O}_7)_x$                          | e 576  |
| <b>F - N - Z n</b>                          |         | <b>F - N a - 0 - P r - S i</b>   |        |
| $\text{Zn}_2\text{NF}$ (I)                  | c 478   | $\text{Na}_2\text{Pr}_8(\text{SiO}_4)_6\text{F}_2$   | d 1576 |
| $\text{Zn}_2\text{NF}$ (II)                 | c 479   | <b>F - N a - 0 - R b - T i</b>   |        |
| <b>F - N - Z r</b>                          |         | $\text{Rb}_2\text{NaTiOF}_5$   | e 1270 |
| $\text{ZrN}_{0,91}\text{F}_{1,27}$          | c 486   | <b>F - N a - 0 - R b - V</b>   |        |
| <b>F - N a</b>                              |         | $\text{Rb}_2\text{NaVOF}_5$  | e 2031 |
| $\text{NaF}$                                | a 3     | $\text{Rb}_2\text{NaVO}_2\text{F}_4$   | e 2032 |
| <b>F - N a - N b</b>                        |         | <b>F - N a - 0 - R b - W</b>   |        |
| $\text{NaNbF}_6$                            | a 1536  | $\text{Rb}_2\text{NaWO}_3\text{F}_3$   | f 2344 |
| <b>F - N a - N b - 0</b>                    |         | <b>F - N a - 0 - R b - W - Y</b>   |        |
| $\text{NaNbO}_2\text{F}_2$                  | e 2875  | $\text{Rb}_2\text{Na}(\text{Y}_{1-x}\text{W}_x)\text{O}_{3x}\text{F}_{6-3x}$               | f 2356 |
| $\text{NaNb}^{\text{IV}}\text{O}_2\text{F}$ | e 2874  | <b>F - N a - O - S</b>   |        |
| $\text{NaNb}_2\text{O}_5\text{F}$           | e 2877  | $\text{Na}_3(\text{SO}_4)\text{F}$   | b 3722 |

## 2 Alphabetisches Formelverzeichnis

|  |        |  |  |
|--|--------|--|--|
| <b>F - Na - 0 - Sn - Ti - W</b>  |        |  |  |
| NaSnTiWO <sub>6</sub> F  | f 2367 |  |  |
| <b>F - Na - 0 - Sr - U</b>   |        |  |  |
| NaSrU <sub>2</sub> O <sub>6</sub> F  | e 567  |  |  |
| <b>F - Na - O - &amp; - W</b>  |        |  |  |
| Sr <sub>2</sub> NaWO <sub>5</sub> F  | f 2351 |  |  |
| <b>F - Na - 0 - Ta</b>   |        |  |  |
| NaTaO <sub>2</sub> F <sub>2</sub>  | e 3474 |  |  |
| NaTa <sub>4</sub> O <sub>8</sub> F <sub>5</sub>  | e 3478 |  |  |
| NaTa <sub>6</sub> O <sub>15</sub> F  | e 3479 |  |  |
| Na <sub>2</sub> Ta <sub>2</sub> O <sub>5</sub> F <sub>2</sub>  | e 3473 |  |  |
| Na <sub>2</sub> Ta <sub>3</sub> O <sub>6</sub> F <sub>5</sub>  | e 3476 |  |  |
| Na <sub>2</sub> Ta <sub>6</sub> O <sub>15</sub> F <sub>2</sub>   | e 3477 |  |  |
| Na <sub>2</sub> Ta <sub>8</sub> O <sub>19</sub> F <sub>4</sub>   | e 3477 |  |  |
| Na <sub>4</sub> Ta <sub>5</sub> O <sub>10</sub> F <sub>9</sub>   | e 3475 |  |  |
| Na <sub>x</sub> TaO <sub>3-x</sub> F <sub>x</sub>  | e 3472 |  |  |
| <b>F - Na - 0 - Ti</b>   |        |  |  |
| Na <sub>3</sub> TiOF <sub>5</sub>  | e 1261 |  |  |
| <b>F - Na - 0 - Ti - W</b>   |        |  |  |
| Na <sub>2</sub> TiWO <sub>5</sub> F <sub>2</sub>   | f 2361 |  |  |
| <b>F - Na - 0 - Ti - Zn</b>  |        |  |  |
| Na <sub>x</sub> (Ti,Zn) <sub>4</sub> (O,F) <sub>7</sub>  | b 1918 |  |  |
| Na <sub>1-x</sub> □ <sub>x</sub> Zn <sub>2-x</sub> Ti <sub>2+x</sub> O <sub>6+x</sub> F <sub>1-x</sub> | b 1918 |  |  |
| <b>F - Na - O - U</b>  |        |  |  |
| NaUO <sub>3</sub> F  | e 558  |  |  |
| <b>F - Na - O - V</b>  |        |  |  |
| Na <sub>3</sub> VOF <sub>5</sub>   | e 2013 |  |  |
| Na <sub>3</sub> VO <sub>2</sub> F <sub>4</sub>   | e 2016 |  |  |
| Na <sub>x</sub> V <sub>2</sub> O <sub>5-x</sub> F <sub>x</sub> (I)                                     | e 2014 |  |  |
| Na <sub>x</sub> V <sub>2</sub> O <sub>5-x</sub> F <sub>x</sub> (II)                                    | e 2015 |  |  |
| <b>F - Na - O - W</b>  |        |  |  |
| NaWOF <sub>5</sub>   | f 2339 |  |  |
| Na <sub>3</sub> WO <sub>3</sub> F <sub>3</sub>   | f 2337 |  |  |
| Na <sub>5</sub> W <sub>3</sub> O <sub>9</sub> F <sub>5</sub>   | f 2338 |  |  |
| Na <sub>x</sub> WO <sub>3-x</sub> F <sub>x</sub> (I)   | f 2332 |  |  |
| Na <sub>x</sub> WO <sub>3-x</sub> F <sub>x</sub> (II)  | f 2333 |  |  |
| Na <sub>x</sub> WO <sub>3-x</sub> F <sub>x</sub> (III)   | f 2334 |  |  |
| Na <sub>x</sub> WO <sub>3-x</sub> F <sub>x</sub> (IV)  | f 2335 |  |  |
| Na <sub>x</sub> WO <sub>3-x</sub> F <sub>x</sub> (V)   | f 2336 |  |  |
| <b>F - Na - 0 s</b>  |        |  |  |
| NaOsF <sub>6</sub>   | a 1996 |  |  |
| Na <sub>2</sub> OsF <sub>6</sub> (I)   | a 1997 |  |  |
| Na <sub>2</sub> OsF <sub>6</sub> (II)  | a 1998 |  |  |
| <b>F - Na - P</b>  |        |  |  |
| NaPF <sub>6</sub>  | a 1397 |  |  |
| <b>F - Na - Pa</b>   |        |  |  |
| NaPaF <sub>6</sub>   | a 1069 |  |  |
| Na <sub>3</sub> PaF <sub>8</sub>   | a 1070 |  |  |
| Na <sub>7</sub> Pa <sub>6</sub> F <sub>31</sub>  | a 1071 |  |  |
| <b>F - Na - Pb</b>   |        |  |  |
| Na <sub>2</sub> PbF <sub>6</sub>   | a 1273 |  |  |
| <b>F - Na - Pd</b>   |        |  |  |
| Na <sub>2</sub> PdF <sub>6</sub>   | a 1979 |  |  |
| <b>F - Na - Pm</b>   |        |  |  |
| NaPmF <sub>4</sub> (I)   | a 915  |  |  |
| NaPmF <sub>4</sub> (II)  | a 916  |  |  |
| Na <sub>5</sub> Pm <sub>9</sub> F <sub>32</sub>  | a 917  |  |  |
| Na <sub>1-x</sub> Pm <sub>x</sub> F <sub>1+2x</sub>  | a 915  |  |  |
|  | a 917  |  |  |
| <b>F - Na - Pr</b>   |        |  |  |
| NaPrF <sub>4</sub> (I)   | a 895  |  |  |
| NaPrF <sub>4</sub> (II)  | a 896  |  |  |
| Na <sub>2</sub> PrF <sub>6</sub>   | a 897  |  |  |
| Na <sub>3</sub> PrF <sub>7</sub>   | a 898  |  |  |
| Na <sub>5</sub> Pr <sub>9</sub> F <sub>32</sub>  | a 900  |  |  |
| Na <sub>7</sub> Pr <sub>6</sub> F <sub>31</sub>  | a 899  |  |  |
| Na <sub>1-x</sub> Pr <sub>x</sub> F <sub>1+2x</sub>  | a 895  |  |  |
|  | a 900  |  |  |
| <b>F - Na - Pt</b>   |        |  |  |
| Na <sub>2</sub> PtF <sub>6</sub>   | a 2023 |  |  |
| <b>F - Na - Pu</b>   |        |  |  |
| NaPuF <sub>4</sub>   | a 1178 |  |  |
| NaPuF <sub>5</sub>   | a 1179 |  |  |
| Na <sub>2</sub> PuF <sub>6</sub> (β <sub>2</sub> )   | a 1180 |  |  |
| Na <sub>2</sub> PuF <sub>6</sub> (δ)   | a 1181 |  |  |
| Na <sub>7</sub> Pu <sub>6</sub> F <sub>31</sub>  | a 1182 |  |  |
| <b>F - Na - Rb - Sc</b>  |        |  |  |
| Rb <sub>2</sub> NaScF <sub>6</sub>   | a 807  |  |  |
| <b>F - Na - Rb - Sm</b>  |        |  |  |
| Rb <sub>2</sub> NaSmF <sub>6</sub>   | a 922  |  |  |
| <b>F - Na - Rb - Tb</b>  |        |  |  |
| Rb <sub>2</sub> NaTbF <sub>6</sub>   | a 951  |  |  |
| <b>F - Na - Rb - Tl</b>  |        |  |  |
| Rb <sub>2</sub> NaTlF <sub>6</sub>   | a 787  |  |  |
| <b>F - Na - Rb - V</b>   |        |  |  |
| NaRb <sub>2</sub> VF <sub>6</sub>  | a 1498 |  |  |
| <b>F - Na - Rb - Y</b>   |        |  |  |
| Rb <sub>2</sub> NaYF <sub>6</sub>  | a 828  |  |  |
| <b>F - Na - Rb - Y b</b>   |        |  |  |
| Rb <sub>2</sub> NaYbF <sub>6</sub>   | a 1004 |  |  |
| <b>F - Na - Re</b>   |        |  |  |
| NaReF <sub>6</sub>   | a 1765 |  |  |
| Na <sub>2</sub> ReF <sub>6</sub>   | a 1766 |  |  |
| <b>F - Na - Rh</b>   |        |  |  |
| Na <sub>2</sub> RhF <sub>6</sub>   | a 1971 |  |  |
| <b>F - Na - Ru</b>   |        |  |  |
| NaRuF <sub>6</sub>   | a 1958 |  |  |
| Na <sub>2</sub> RuF <sub>6</sub>   | a 1959 |  |  |
| <b>F - Na - Sb</b>   |        |  |  |
| NaSbF <sub>4</sub>   | a 1432 |  |  |
| NaSbF <sub>6</sub> (I)   | a 1434 |  |  |
| Na <sub>2</sub> SbF <sub>5</sub>   | a 1433 |  |  |
| <b>F - Na - Sc</b>   |        |  |  |
| NaScF <sub>4</sub>   | a 797  |  |  |
| Na <sub>3</sub> ScF <sub>6</sub> (I)   | a 798  |  |  |
| Na <sub>3</sub> ScF <sub>6</sub> (II)  | a 799  |  |  |

## 2 Alphabetical formula index

|   |        |  |         |
|---|--------|--|---------|
| <b>F - Na - Sc - Tl</b>   |        | $\text{Na}_{1-x}\text{Tm}_x\text{F}_{1+2x}$    | a 988   |
| $\text{Tl}_2\text{NaScF}_6$   | a 815  |  | a 990   |
| <b>F - Na - Si</b>  |        | <b>F - Na - U</b>                              |         |
| $\text{Na}_2\text{SiF}_6$   | a 1210 | $\text{NaUF}_4$                                | a 1090  |
| <b>F - Na - Sm</b>  |        | $\text{NaUF}_5$                                | a 1102  |
| $\text{NaSmF}_4$ (I)  | a 918  | $\text{NaUF}_6$ (I)                            | a 1091  |
| $\text{NaSmF}_4$ (II)   | a 919  | $\text{NaUF}_6$ (II)                           | a 1092. |
| $\text{Na}_5\text{Sm}_9\text{F}_{32}$   | a 920  | $\text{NaU}_4\text{F}_{17}$                    | a 1141  |
| $\text{Na}_{1-x}\text{Sm}_x\text{F}_{1+2x}$   | a 918  | $\text{Na}_2\text{UF}_6$ ( $\alpha$ )          | a 1093  |
|   | a 920  | $\text{Na}_2\text{UF}_6$ ( $\beta_2$ )         | a 1094  |
|   |        | $\text{Na}_2\text{UF}_6$ ( $\gamma$ )          | a 1095  |
| <b>F - Na - Sn</b>  |        | $\text{Na}_2\text{UF}_6$ ( $\delta$ )          | a 1096  |
| $\text{NaSnF}_3$  | a 1244 | $\text{Na}_2\text{UF}_8$                       | a 1098  |
| $\text{NaSn}_2\text{F}_5$   | a 1246 | $\text{Na}_3\text{UF}_7$                       | a 1097  |
| $\text{Na}_2\text{SnF}_6$   | a 1245 | $\text{Na}_3\text{UF}_8$                       | a 1099  |
| $\text{Na}_4\text{Sn}_3\text{F}_{10}$   | a 1247 | $\text{Na}_5\text{U}_3\text{F}_{17}$           | a 1101  |
| <b>F - Na - Ta</b>  |        | $\text{Na}_7\text{U}_2\text{F}_{15}$           | a 1100  |
| $\text{NaTaF}_6$  | a 1551 | $\text{Na}_7\text{U}_6\text{F}_{31}$           | a 1102  |
| $\text{Na}_2\text{TaF}_7$   | a 1552 |  |         |
| $\text{Na}_3\text{TaF}_8$   | a 1553 | <b>F - Na - V</b>                              |         |
| <b>F - Na - Tb</b>  |        | $\text{NaVF}_3$                                | a 1478  |
| $\text{NaTbF}_4$ (I)  | a 944  | $\text{NaVF}_6$                                | a 1479  |
| $\text{NaTbF}_4$ (II)   | a 945  | <b>F - Na - W</b>                              |         |
| $\text{Na}_3\text{TbF}_7$   | a 946  | $\text{NaWF}_6$                                | a 1685  |
| $\text{Na}_5\text{Tb}_9\text{F}_{32}$   | a 947  | <b>F - Na - Y</b>                              |         |
| $\text{Na}_{1-x}\text{Tb}_x\text{F}_{1+2x}$   | a 944  | $5\text{NaF} \cdot 3\text{YF}_3$               | a 822   |
|   | a 947  | $\text{NaYF}_4$ (I)                            | a 818   |
| <b>F - Na - Tc</b>  |        | $\text{NaYF}_4$ (II)                           | a 819   |
| $\text{NaTcF}_6$  | a 1756 | $\text{NaY}_3\text{F}_{10}$                    | a 74    |
| <b>F - Na - Th</b>  |        |  | a 821   |
| $\text{NaTh}_2\text{F}_9$   | a 1027 | $\text{Na}_5\text{Y}_9\text{F}_{32}$ (I)       | a 823   |
| $\text{Na}_2\text{ThF}_6$ (a)   | a 1022 | $\text{Na}_{1-x}\text{Y}_{1+x}\text{F}_{4+2x}$ | a 820   |
| $\text{Na}_2\text{ThF}_6$ ( $\beta_2$ )   | a 1023 | <b>F - Na - Yb</b>                             |         |
| $\text{Na}_2\text{ThF}_6$ ( $\delta$ )  | a 1024 | $\text{NaYbF}_4$ (I)                           | a 998   |
| $\text{Na}_3\text{ThF}_7$   | a 1025 | $\text{NaYbF}_4$ (II)                          | a 999   |
| $\text{Na}_3\text{Th}_2\text{F}_{11}$   | a 1028 | $\text{Na}_5\text{Yb}_9\text{F}_{32}$ (I)      | a 1001  |
| $\text{Na}_4\text{ThF}_8$   | a 1026 | $\text{Na}_5\text{Yb}_9\text{F}_{32}$ (II)     | a 1002  |
| $\text{Na}_7\text{Th}_2\text{F}_{15}$   | a 1026 | $\text{Na}_{1-x}\text{Yb}_x\text{F}_{1+2x}$    | a 1000  |
| $\text{Na}_7\text{Th}_6\text{F}_{31}$   | a 1029 | <b>F - Na - Zn</b>                             |         |
| <b>F - Na - Th - U</b>  |        | $\text{NaZnF}_3$ (II)                          | a 588   |
| $(\text{Na}_5\text{U}_3\text{F}_{17})_{1-x}(\text{Na}_3\text{Th}_2\text{F}_{11})_x$ | a 1153 | <b>F - Na - Zr</b>                             |         |
| <b>F - Na - Ti</b>  |        | $\text{NaZrF}_5$                               | a 1337  |
| $\text{Na}_2\text{TiF}_6$   | a 1301 | $\text{Na}_2\text{ZrF}_6$ (I)                  | a 1338  |
| $\text{Na}_3\text{TiF}_6$   | a 1302 | $\text{Na}_2\text{ZrF}_6$ (II)                 | a 1339  |
| <b>F - Na - Tl</b>  |        | $\text{Na}_2\text{ZrF}_6$ (III)                | a 1340  |
| $\text{NaTlF}_4$ (I)  | a 776  | $\text{Na}_2\text{ZrF}_6$ (IV)                 | a 1341  |
| $\text{NaTlF}_4$ (II)   | a 777  | $\text{Na}_3\text{ZrF}_7$                      | a 1342  |
| $\text{NaTl}_3\text{F}_6$   | a 779  | $\text{Na}_3\text{Zr}_2\text{F}_{11}$          | a 1343  |
| $\text{Na}_3\text{TlF}_6$ (II)  | a 778  | $\text{Na}_3\text{Zr}_4\text{F}_{19}$          | a 1345  |
| <b>F - Na - Tm</b>  |        | $\text{Na}_5\text{Zr}_2\text{F}_{13}$ (II)     | a 1344  |
| $\text{NaTmF}_4$ (I)  | a 988  | $\text{Na}_7\text{Zr}_6\text{F}_{31}$          | a 1346  |
| $\text{NaTmF}_4$ (II)   | a 989  | <b>F - Nb</b>                                  |         |
| $\text{Na}_5\text{Tm}_9\text{F}_{32}$ (I)   | a 990  | $\text{NbF}_{2,5}$                             | a 246   |
| $\text{Na}_5\text{Tm}_9\text{F}_{32}$ (II)  | a 991  |  |         |

(cont.)

## 2 Alphabetisches Formelverzeichnis

|  |        |  |        |
|--|--------|--|--------|
| NbF <sub>3</sub>   | a 247  | <b>F - Nd - 0</b>  |        |
| NbF <sub>4</sub>   | a 248  | NdOF (I)   | b 1850 |
| NbF <sub>5</sub>   | a 249  | NdOF (II)  | b 1851 |
| <b>F - Nb - 0</b>  |        | NdOF (III)   | b 1852 |
| Nb(O,F) <sub>3-δ</sub>   | b 1957 | NdOF (IV)  | b 1853 |
| Nb(O,F) <sub>3</sub>   | a 247  | NdO <sub>1-x</sub> F <sub>1+2x</sub>                                     | b 1852 |
| NbO <sub>2</sub> F   | b 1957 | <b>F - Nd - S</b>  |        |
| NbO <sub>x</sub> F <sub>y</sub>  | b 1958 | NdSF   | b 2929 |
| Nb <sub>3</sub> O <sub>7</sub> F   | b 1957 | <b>F - Nd - Se</b>   |        |
| Nb <sub>3</sub> O <sub>7</sub> F (I)   | b 1955 | NdSeF  | b 4153 |
| Nb <sub>3</sub> O <sub>7</sub> F (II)  | b 1956 | Nd <sub>2</sub> SeF <sub>4</sub>   | b 4154 |
| Nb <sub>5</sub> O <sub>12</sub> F  | b 1954 | <b>F - Nd - Sr</b>   |        |
| Nb <sub>17</sub> O <sub>42</sub> F   | b 1953 | (SrF <sub>2</sub> ) <sub>1-x</sub> (NdF <sub>3</sub> ) <sub>x</sub> (I)  | a 107  |
| Nb <sub>31</sub> O <sub>77</sub> F   | b 1951 | (SrF <sub>2</sub> ) <sub>1-x</sub> (NdF <sub>3</sub> ) <sub>x</sub> (II) | a 108  |
| Nb <sub>59</sub> O <sub>147</sub> F  | b 1950 | <b>F - Nd - Te</b>   |        |
| Nb <sub>65</sub> O <sub>161</sub> F <sub>3</sub>                                 | b 1952 | NdTeF  | b 4454 |
| <b>F - Nb - 0 - Rb</b>   |        | <b>F - Ni</b>  |        |
| RbNb <sup>IV</sup> O <sub>2</sub> F  | e 2890 | NiF <sub>2</sub> (I)   | a 302  |
| Rb <sub>2</sub> NbOF <sub>5</sub>  | e 2892 | NiF <sub>2</sub> (II)  | a 303  |
| Rb <sub>3</sub> NbO <sub>2</sub> F <sub>4</sub>                                  | e 2891 | NiF <sub>2</sub> (III)   | a 304A |
| Rb <sub>x</sub> NbO <sub>2+x</sub> F <sub>1-x</sub>                              | e 2893 | <b>F - Ni - 0 - Rb - W</b>   |        |
| <b>F - Nb - O - Se</b>   |        | RbNiWO <sub>3</sub> F <sub>3</sub>                                       | f 2312 |
| SeNbOF <sub>7</sub>  | b 1964 | <b>F - Ni - Pb</b>   |        |
| <b>F - Nt - 0 - Sn - Ti</b>  |        | NiPbF <sub>6</sub>   | a 1295 |
| Sn <sub>2</sub> TiNbO <sub>6</sub> F   | e 2930 | NiPb <sub>2</sub> F <sub>6</sub>   | a 1296 |
| <b>F - Nb - 0 - Ti - Ti</b>  |        | Pb <sub>2</sub> NiF <sub>6</sub>   | a 1953 |
| TiTiNbO <sub>4</sub> F <sub>2</sub>  | e 2929 | <b>F - Ni - Rb</b>   |        |
| <b>F - Nb - 0 - Tl</b>   |        | RbNiF <sub>3</sub> (I)   | a 1934 |
| TlNb <sub>2</sub> O <sub>5</sub> F   | e 2912 | RbNiF <sub>3</sub> (II)  | a 1935 |
| Tl <sub>x</sub> NbO <sub>2+x</sub> F <sub>1-x</sub>                              | e 2912 | Rb <sub>2</sub> NiF <sub>4</sub>   | a 1936 |
|  | e 2913 | Rb <sub>2</sub> NiF <sub>6</sub>   | a 1937 |
| <b>F - Nb - 0 - Zr</b>   |        | <b>F - Ni - Sn</b>   |        |
| Nb <sub>1-x</sub> Zr <sub>x</sub> O <sub>2-2x</sub> F <sub>4x</sub>              | b 1959 | NiSnF <sub>6</sub>   | a 1270 |
| <b>F - Nb - Pb</b>   |        | <b>F - Ni - Sr</b>   |        |
| PbNb <sub>2</sub> F <sub>19</sub> (I)  | a 1544 | SrNiF <sub>4</sub>   | a 1944 |
| PbNb <sub>2</sub> F <sub>19</sub> (II)   | a 1545 | <b>F - Ni - Ti</b>   |        |
| Pb <sub>2</sub> Nb <sub>2</sub> F <sub>29</sub> (I)                              | a 1546 | NiTiF <sub>6</sub>   | a 1334 |
| Pb <sub>2</sub> Nb <sub>5</sub> F <sub>29</sub> (II)                             | a 1547 | <b>F - Ni - Tl</b>   |        |
| <b>F - Nb - Rb</b>   |        | TlNiF <sub>3</sub> (I)   | a 1950 |
| RbNbF <sub>6</sub>   | a 1540 | TlNiF <sub>3</sub> (II)  | a 1951 |
| <b>F - Nb - Sb</b>   |        | Tl <sub>2</sub> NiF <sub>4</sub>   | a 1952 |
| [NbF <sub>4</sub> ] <sup>⊕</sup> [SbF <sub>6</sub> ] <sup>⊖</sup>                | a 1458 | <b>F - Ni - Zr</b>   |        |
| <b>F - Nb - Se</b>   |        | NiZrF <sub>6</sub>   | a 1382 |
| [SeF <sub>3</sub> ] <sup>⊕</sup> [NbF <sub>6</sub> ] <sup>⊖</sup>                | a 1548 | <b>F - Np</b>  |        |
| [SeF <sub>3</sub> ] <sup>⊕</sup> [Nb <sub>2</sub> F <sub>11</sub> ] <sup>⊖</sup> | a 1549 | NpF <sub>3</sub>   | a 184  |
| <b>F - Nb - Ta</b>   |        | NpF <sub>4</sub>   | a 185  |
| Nb <sub>x</sub> Ta <sub>x</sub> F <sub>5</sub>                                   | a 252  | NpF <sub>6</sub>   | a 186  |
| <b>F - Nb - Ti</b>   |        | <b>F - Np - 0</b>  |        |
| TiNbF <sub>6</sub>   | a 1543 | NpOF <sub>3</sub>  | b 1905 |
| <b>F - Nd</b>  |        | NpO <sub>2</sub> F <sub>2</sub>  | b 1906 |
| NdF <sub>3</sub>   | a 103  | NpO <sub>2-x</sub> F <sub>1+2x</sub>                                     | b 1904 |
| NdF <sub>4</sub>   | a 104  | <b>F - Np - 0 - Rb</b>   |        |
|  |        | RbNpO <sub>2</sub> F <sub>2</sub>  | e 644  |

## 2 Alphabetical formula index

|  |   |      |  |        |
|--|---|------|--|--------|
| <b>F-Np-Pb</b>   |   |      | <b>F - O - Pb - Tl - U</b>   |        |
| PbNpF <sub>6</sub>   | a | 1176 | Tl <sub>0,33</sub> PbU <sub>2</sub> O <sub>5,667</sub> F             | e 581  |
| <b>F-Np-Rb</b>   |   |      | TlPbU <sub>2</sub> O <sub>6</sub> F                                  | e 582  |
| Rb <sub>2</sub> NpF <sub>6</sub>   | a | 1167 | <b>F - O - Pb - U</b>  |        |
| Rb <sub>2</sub> NpF <sub>7</sub>   | a | 1168 | Pb <sub>1,5</sub> U <sub>2</sub> O <sub>6</sub> F                    | e 575  |
| Rb <sub>3</sub> NpF <sub>8</sub>   | a | 1169 | <b>F - O - Pb - V</b>  |        |
| Rb <sub>7</sub> Np <sub>6</sub> F <sub>31</sub>  | a | 1170 | Pb <sub>10</sub> (VO <sub>4</sub> ) <sub>6</sub> F <sub>2</sub>      | e 1969 |
| <b>F-Np-Sr</b>   |   |      | <b>F - O - Pm</b>  |        |
| (SrF <sub>2</sub> ) <sub>x</sub> (SrNpF <sub>6</sub> ) <sub>1-x</sub>  | a | 1174 | PmOF (I)   | b 1854 |
| SrNpF <sub>6</sub>   | a | 1173 | <b>F - O - Pr</b>  |        |
| <b>F - O - Os</b>  |   |      | PrOF (I)   | b 1846 |
| OsOF <sub>5</sub> (I)  | b | 1998 | PrOF (II)  | b 1847 |
| OsOF <sub>5</sub> (II)   | b | 1999 | PrOF (III)   | b 1848 |
| OsO <sub>2</sub> F <sub>2</sub> (I)  | b | 1996 | <b>F - O - Pt</b>  |        |
| OsO <sub>2</sub> F <sub>2</sub> (II)   | b | 1997 | [O <sub>2</sub> ] <sup>⊕</sup> [PtF <sub>6</sub> ] <sup>⊖</sup> (I)  | a 2036 |
| OsO <sub>3</sub> F   | b | 1996 | [O <sub>2</sub> ] <sup>⊕</sup> [PtF <sub>6</sub> ] <sup>⊖</sup> (II) | a 2037 |
|  |   |      | PtO <sub>x</sub> F <sub>3-x</sub>                                    | b 2003 |
| OsO <sub>3</sub> F <sub>2</sub> (I)  | b | 2000 | <b>F - O - Pu</b>  |        |
| OsO <sub>3</sub> F <sub>2</sub> (II)   | b | 2001 | PuOF   | b 1907 |
| OsO <sub>3</sub> F <sub>2</sub> (III)  | b | 2002 | PuO <sub>2</sub> F <sub>2</sub>                                      | b 1908 |
| <b>F - O - P - Pb</b>  |   |      | <b>F - O - Pu - Rb</b>   |        |
| PbPO <sub>3</sub> F  | c | 2422 | RbPuO <sub>2</sub> F <sub>2</sub>                                    | e 673  |
| Pb <sub>10</sub> (PO <sub>4</sub> ) <sub>6</sub> F <sub>2</sub>  | c | 2239 | <b>F - O - Rb - S</b>  |        |
| <b>F - O - P - Rl,</b>   |   |      | RbSO <sub>3</sub> F  | b 4032 |
| RbPO <sub>2</sub> F <sub>2</sub>   | c | 2419 | <b>F - O - Rb - Sb</b>   |        |
| <b>F - O - P - S - Si - Sr</b>   |   |      | Rb <sub>2</sub> [Sb <sub>2</sub> OF <sub>10</sub> ]                  | c 3231 |
| Sr <sub>10</sub> (SiO <sub>4</sub> )(PO <sub>4</sub> ) <sub>4</sub> (SO <sub>4</sub> )F <sub>2</sub>                                   | d | 2173 | <b>F - O - Rb - Sr - U</b>   |        |
| Sr <sub>10</sub> (SiO <sub>4</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub>       | d | 2174 | RbSrU <sub>2</sub> O <sub>6</sub> F                                  | e 569  |
| Sr <sub>10</sub> (SiO <sub>4</sub> ) <sub>x/2</sub> (PO <sub>4</sub> ) <sub>6-x</sub> (SO <sub>4</sub> ) <sub>x/2</sub> F <sub>2</sub> | d | 2173 | <b>F - O - Rb - Ta</b>   |        |
|  | d | 2174 | RbTa <sub>2</sub> O <sub>5</sub> F                                   | e 3485 |
| <b>F - O - P - h</b>   |   |      | <b>F - O - Rb - Ti</b>   |        |
| Sn <sub>3</sub> PO <sub>4</sub> F <sub>3</sub>   | c | 2237 | Rb <sub>3</sub> TiOF <sub>5</sub>                                    | e 1269 |
| <b>F - O - P - Sr</b>  |   |      | <b>F - O - Rb - Ti - W</b>   |        |
| Sr <sub>10</sub> (PO <sub>4</sub> ) <sub>6</sub> F <sub>2</sub>  | c | 2223 | RbTiWO <sub>5</sub> F  | f 2363 |
| <b>F - O - Pa</b>  |   |      | <b>F - O - Rb - Ti - Zn</b>  |        |
| PaO <sub>2</sub> F   | b | 1892 | RbZnTiOF <sub>5</sub>  | e 1282 |
|  | b | 470  | <b>F - O - Rb - U</b>  |        |
| Pa <sub>2</sub> OF <sub>8</sub>  | b | 1893 | Rb <sub>3</sub> UO <sub>2</sub> F <sub>4,5</sub>                     | e 563  |
| Pa <sub>3</sub> O <sub>7</sub> F   | b | 1891 | <b>F - O - Rb - V</b>  |        |
| <b>F - O - Pb</b>  |   |      | Rb <sub>2</sub> VOF <sub>4</sub>                                     | e 2027 |
| Pb <sub>2</sub> OF <sub>2</sub>  | b | 1913 | Rb <sub>2</sub> VO <sub>2</sub> F <sub>3</sub>                       | e 2028 |
| <b>F - O - Pb - Rb - U</b>   |   |      | Rb <sub>3</sub> V <sub>2</sub> O <sub>4</sub> F <sub>5</sub>         | e 2029 |
| Rb <sub>0,33</sub> PbU <sub>2</sub> O <sub>5,667</sub> F   | e | 579  | <b>F - O - Rb - W</b>  |        |
| RbPbU <sub>2</sub> O <sub>6</sub> F  | e | 580  | Rb <sub>3</sub> WO <sub>3</sub> F <sub>3</sub> (II)                  | f 2343 |
| <b>F - O - Pb - S - Si</b>   |   |      | <b>F - O - Rb - Zr</b>   |        |
| Pb <sub>10</sub> [(SiO <sub>4</sub> ) <sub>3</sub> (SO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub> ]                                    | d | 2096 | Rb <sub>3</sub> ZrF <sub>7-2x</sub> O <sub>x</sub>                   | e 1464 |
| <b>F - O - Pb - Se - Si</b>  |   |      | Rb <sub>3</sub> ZrOF <sub>5</sub>                                    | e 1463 |
| Pb <sub>10</sub> [(SiO <sub>4</sub> ) <sub>3</sub> (SeO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub> ]                                   | d | 2101 | <b>F - O - Re</b>  |        |
| <b>F - O - Pb - Ti</b>   |   |      | ReOF <sub>3</sub>  | b 1985 |
| Pb <sub>2</sub> Ti <sub>2</sub> O <sub>5</sub> F <sub>2</sub>  | e | 1288 | ReOF <sub>4</sub>  | b 1986 |
| Pb <sub>3</sub> (TiOF <sub>5</sub> ) <sub>2</sub>  | e | 1289 | <b>F - O - S - Sb</b>  |        |
| Pb <sub>1-x</sub> Ti <sub>x</sub> O <sub>x</sub> F <sub>2</sub> (I)  | b | 1919 | SbF <sub>5</sub> · SO <sub>2</sub>                                   | a 383  |
| Pb <sub>1-x</sub> Ti <sub>x</sub> O <sub>x</sub> F <sub>2</sub> (II)   | b | 1920 |  |        |

## 2 Alphabetisches Formelverzeichnis

|   |   |        |   |        |
|---|---|--------|---|--------|
| <b>F - 0 - S - Si - Sr</b>                                  |   |        | <b>F - 0 - T c</b>  |        |
| $\text{Sr}_{10}[(\text{SiO}_4)_3(\text{SO}_4)_3\text{F}_2]$ | d | 2089   | $(\text{TcOF}_4)_3$                                       | b 1984 |
| <b>F - 0 - S - X e</b>                                      |   |        | $\text{TcOF}_4$ (I)                                       | b 1983 |
| $\text{FXeOSO}_2\text{F}$                                   | b | 4036   | $\text{TcOF}_4$ (II)                                      | b 1984 |
| $\text{XeF}_2 \cdot \text{SO}_3$                            | b | 2006   | <b>F - 0 - T e</b>  |        |
| <b>F - 0 - S b</b>  |   |        | $\text{F}_2\text{Te}(\text{OTeF}_5)_4$                    | b 1966 |
| $[\text{O}_2]^\oplus[\text{SbF}_6]^\ominus$                 | a | 1459   | $\text{Te}(\text{OTeF}_5)_6$ (I)                          | b 4835 |
| $\text{SbOF}$ (I)   | b | 1934   | $\text{Te}(\text{OTeF}_5)_6$ (II)                         | b 4836 |
| $\text{SbOF}$ (II)  | b | 1935   | $\text{Te}_5\text{O}_4\text{F}_{22}$                      | b 1966 |
| $\text{SbOF}$ (III)   | b | 1936   | <b>F - 0 - T e - U</b>                                    |        |
| <b>F - 0 - S c</b>  |   |        | $\text{U}(\text{OTeF}_5)_6$                               | b 4834 |
| $\text{ScOF}$ (I)   | b | 1831   | $\text{UTe}_6\text{O}_6\text{F}_{30}$                     | b 1967 |
| $\text{ScOF}$ (II)  | b | 1832   | <b>F - 0 - T e - X e</b>                                  |        |
| <b>F - 0 - S e</b>  |   |        | $\text{XeO}_2\text{Te}_2\text{F}_{10}$                    | b 2009 |
| $\text{SeOF}_2$   | b | 1963   | $\text{Xe}^{\text{II}}(\text{OTeF}_5)_2$                  | b 4837 |
| <b>F - 0 - S e - X e</b>                                    |   |        | <b>F - 0 - T h</b>  |        |
| $\text{XeF}_2 \cdot 2\text{SeOF}_4$                         | b | 2008   | $\text{ThO}_{1-x}\text{F}_{1+3x}$                         | b 1888 |
| $\text{Xe}^{\text{II}}(\text{OSe}^{\text{VI}}\text{F}_5)_2$ | b | 2008   | $\text{ThO}_{2-x}\text{F}_x$                              | b 1888 |
|   |   | b4447  | $\text{ThO}_{2-y}\text{F}_{2y}$                           | b 1888 |
| <b>F - 0 - S m</b>  |   |        | $\text{Th}^{\text{III}}\text{O}_{0.5}\text{F}_{2.5}$      | b 1887 |
| $\text{SmOF}$ (I)   | b | 1855   | $\text{Th}^{\text{III}}\text{OF}$                         | b 1886 |
| $\text{SmOF}$ (II)  | b | 1856   | $\text{Th}^{\text{III,IV}}\text{O}_a\text{F}_b$           | b 1888 |
| $\text{SmOF}$ (III)   | b | 1858   | $\text{Th}^{\text{IV}}\text{OF}_2$                        | b 1889 |
| $\text{SmOF}$ (IV)  | b | 1857   | <b>F - 0 - T h - U</b>                                    |        |
| $\text{SmO}_{1-x}\text{F}_{1+2x}$                           | b | 1855   | $\text{U}_x\text{Th}_{1-x}\text{O}_{2(1-x)}\text{F}_{4x}$ | b 1903 |
|   |   | b 1858 | <b>F - 0 - T i</b>  |        |
| $\text{Sm}_4\text{O}_3\text{F}_6$                           | b | 1858   | $\text{TiOF}$   | b 1914 |
| <b>F - 0 - S n</b>  |   |        | $\text{TiOF}_2$   | b 1917 |
| $\text{SnOF}_2$   | b | 1912   | $\text{Ti}_2\text{O}_3\text{F}$                           | b 1915 |
| $\text{Sn}_2\text{OF}_2$                                    | b | 1911   |   | b 1916 |
| <b>F - 0 - S r - T a</b>                                    |   |        | $\text{Ti}_2\text{O}_{4-x}\text{F}_x$                     | b 1915 |
| $\text{SrTa}_2\text{O}_5\text{F}_2$                         | e | 3490   | <b>F - 0 - T i - 'II - W</b>                              |        |
| <b>F - 0 - S r - T i</b>                                    |   |        | $\text{TiTiWO}_5\text{F}$                                 | f 2366 |
| $\text{SrTiOF}_4$ (I)                                       | e | 1278   | <b>F - 0 - T i - V</b>                                    |        |
| <b>F - 0 - S r - T i - U</b>                                |   |        | $\text{VTiO}_3\text{F}$                                   | b 1949 |
| $\text{TiSrU}_2\text{O}_6\text{F}$                          | e | 570    | $\text{V}_x\text{Ti}_{1-x}\text{OF}$                      | b 1948 |
| <b>F - 0 - S r - V</b>                                      |   |        | <b>F - 0 - T i - Z r</b>                                  |        |
| $\text{Sr}_{10}(\text{VO}_4)_6\text{F}_2$                   | e | 1966   | $\text{Zr}_x\text{Ti}_{1-x}\text{O}_{2-2x}\text{F}_{4x}$  | b 1929 |
| <b>F - 0 - T a</b>  |   |        | <b>F - 0 - T l</b>  |        |
| $\text{Ta}(\text{O},\text{F})_3$                            | a | 250    | $\text{TlOF}$   | b 1830 |
| $\text{TaO}_2\text{F}$                                      | b | 1962   | $\text{Tl}_2\text{OF}_2$                                  | b 1829 |
| $\text{Ta}_3\text{O}_7\text{F}$ (I)                         | b | 1960   | <b>F - 0 - T i - Z r</b>                                  |        |
| $\text{Ta}_3\text{O}_7\text{F}$ (II)                        | b | 1961   | $\text{Tl}_3\text{ZrOF}_5$                                | e 1467 |
| <b>F - 0 - T a - T i</b>                                    |   |        | <b>F - 0 - T m</b>  |        |
| $\text{TlTa}_2\text{O}_5\text{F}$                           | e | 3494   | $\text{TmOF}$   | b 1881 |
| $\text{Tl}_x\text{TaO}_{2+x}\text{F}_{1-x}$                 | e | 3070   | $\text{Tm}_4\text{O}_3\text{F}_6$                         | b 1882 |
|   |   | e 3493 | <b>F - 0 - U</b>  |        |
|   |   | e 3494 | $\text{UOF}_4$ (I)  | b 1901 |
| <b>F - 0 - T b</b>  |   |        | $\text{UOF}$ , (II)                                       | b 1902 |
| $\text{TbOF}$ (I)   | b | 1869   | $\text{UO}_2\text{F}_{0.25}$                              | b 1894 |
| $\text{TbOF}$ (II)  | b | 1870   | $(\text{UO}_2)_3\text{F}$                                 | b 1895 |
| $\text{TbOF}$ (III)   | b | 1871   | $\text{UO}_2\text{F}_2$                                   | b 1900 |
| $\text{TbO}_{1-x}\text{F}_{1+2x}$                           | b | 1871   | $\text{UO}_{2+x}\text{F}_y$ (I)                           | b 1896 |

## 2 Alphabetical formula index

|  |        |   |        |
|--|--------|---|--------|
| $\text{UO}_{2+x}\text{F}_y$ (II)           | b 1897 | <b>F - P a - R b</b>                              |        |
| $\text{UO}_{2+x}\text{F}_y$ (III)          | b 1898 | $\text{RbPaF}_6$                                  | a 1079 |
| $\text{UO}_{2+x}\text{F}_y$ (IV)           | b 1899 | $\text{Rb}_2\text{PaF}_7$                         | a 1080 |
| <b>F - O - V</b>                           |        | $\text{Rb}_3\text{PaF}_8$                         | a 1081 |
| VOF  | b 1942 | $\text{Rb}_7\text{Pa}_6\text{F}_{31}$             | a 1082 |
| $\text{VOF}_3$                             | b 1947 | <b>F - P a - S r</b>                              |        |
| $\text{V}_2\text{O}_3\text{F}$             | b 1943 | $\text{SrPaF}_6$                                  | a 1086 |
| $\text{V}_2\text{O}_{4-x}\text{F}_x$ (I)   | b 1944 | <b>F - P b</b>                                    |        |
| $\text{V}_2\text{O}_{4-x}\text{F}_x$ (II)  | b 1945 | $\text{PbF}_2$ (I)                                | 'a 208 |
| $\text{V}_2\text{O}_{5-x}\text{F}_x$       | b 1946 | $\text{PbF}_2$ (II)                               | a 209  |
| <b>F - O - W</b>                           |        | $\text{PbF}_4$                                    | a 210  |
| WOF,                                       | b 1980 | <b>F - P b - R b</b>                              |        |
| $\text{WO}_{3-x}\text{F}$ (I)              | b 1978 | $\text{RbPbF}_3$ (I)                              | a 1279 |
| $\text{WO}_{3-x}\text{F}$ (II)             | b 1979 | $\text{Rb}_2\text{PbF}_6$                         | a 1280 |
| <b>F - O - W - X e</b>                     |        | <b>F - P b - S n</b>                              |        |
| $\text{XeF}_2 \cdot \text{WOF}$ ,          | b 2011 | $\text{PbSnF}_4$                                  | a 1268 |
| <b>F - O - X e</b>                         |        | <b>F - P b - S r</b>                              |        |
| $\text{XeO}_2\text{F}_2$                   | b 2004 | $\text{SrPbF}_6$                                  | a 1286 |
| $\text{Xe}_2\text{OF}_6$                   | b 2005 | <b>F - P b - T h</b>                              |        |
| <b>F - O - Y</b>                           |        | $(\text{PbF}_2)_x(\text{PbThF}_6)_{1-x}$          | a 1066 |
| YOF (I)                                    | b 1833 | $\text{PbThF}_6$                                  | a 1065 |
| YOF (II)                                   | b 1834 | <b>F - P b - T i</b>                              |        |
| YOF (III)                                  | b 1835 | $\text{Pb}_3(\text{TiF}_6)_2$                     | a 1331 |
| $\text{YO}_{1-x}\text{F}_{1+2x}$           | b 1835 | $(\text{Pb}_{1-x}\text{Ti}_x)\text{F}_{2+x}$ (I)  | a 220  |
| $\text{Y}_{28}\text{O}_{24}\text{F}_{36}$  | b 1835 | $(\text{Pb}_{1-x}\text{Ti}_x)\text{F}_{2+x}$ (II) | a 221  |
| <b>F - O - Y b</b>                         |        | <b>F - P b - U</b>                                |        |
| YbOF                                       | b 1883 | $\text{PbUF}_6$                                   | a 1154 |
| $\text{Yb}_4\text{O}_3\text{F}_6$          | b 1884 | <b>F - W - V</b>                                  |        |
| <b>F - O - Z r</b>                         |        | $\text{PbVF}_5$                                   | a 1527 |
| $\text{ZrO}_{0,45}\text{F}_{3,10}$         | b 1927 | $\text{Pb}_3(\text{VF}_6)_2$                      | a 1527 |
| $\text{ZrO}_x\text{F}_{4-2x}$ (I)          | b 1925 | $(\text{Pb}_{1-x}\text{V}_x)\text{F}_{2+x}$ (I)   | a 244  |
| $\text{ZrO}_x\text{F}_{4-2x}$ (II)         | b 1926 | $(\text{Pb}_{1-x}\text{V}_x)\text{F}_{2+x}$ (II)  | a 245  |
| $\text{ZrO}_x\text{F}_{4-2x}$ (III)        | b 1928 | <b>F - P b - Y</b>                                |        |
| $\text{Zr}_3\text{O}_2\text{F}_8$          | b 1925 | $\text{Pb}_{1-x}\text{Y}_x\text{F}_{2+x}$         | a 215  |
| $\text{Zr}_4\text{O}_5\text{F}_6$          | b 1924 | <b>F - P b - Z n</b>                              |        |
| $\text{Zr}_7\text{O}_9\text{F}_{10}$       | b 1923 | $\text{Pb}_2\text{ZnF}_6$                         | a 610  |
| $\text{Zr}_{10}\text{O}_{13}\text{F}_{14}$ | b 1922 | $\text{ZnPbF}_6$                                  | a 1288 |
| $\text{Zr}_{12}\text{O}_{23}\text{F}_2$    | b 1921 | $\text{ZnPb}_2\text{F}_6$                         | a 1289 |
| <b>F - O s</b>                             |        | <b>F - P I</b>                                    |        |
| $\text{OsF}_5$                             | a 316  | $\text{PdF}_2$                                    | a 313  |
| $\text{OsF}_6$ (I)                         | a 317  | $\text{PdF}_3$                                    | a 314  |
| $\text{OsF}_6$ (II)                        | a 318  | $\text{PdF}_4$                                    | a 315  |
| <b>F - O s - R b</b>                       |        | <b>F - P d - P t</b>                              |        |
| $\text{RbOsF}_6$                           | a 2001 | $\text{PdPtF}_6$                                  | a 2040 |
| <b>F - P - R b</b>                         |        | <b>F - P d - R b</b>                              |        |
| $\text{RbPF}_6$                            | a 1401 | $\text{Rb}_2\text{PdF}_6$ (I)                     | a 1982 |
| <b>F - P - T I</b>                         |        | $\text{Rb}_2\text{PdF}_6$ (II)                    | a 1983 |
| $\text{TlPF}_6$                            | a 1405 | <b>F - P d - S n</b>                              |        |
| <b>F - P a</b>                             |        | $\text{PdSnF}_6$                                  | a 1271 |
| $\text{PaF}_4$                             | a 170  | <b>F - P d - S r</b>                              |        |
| $\text{PaF}_5$                             | a 172  | $\text{SrPdF}_4$                                  | a 1988 |
| $\text{Pa}_2\text{F}_9$                    | a 171  | $\text{SrPdF}_6$                                  | a 1989 |
| $\text{Pa}_4\text{F}_{17}$                 | a 171  |   |        |



## 2 Alphabetisches Formelverzeichnis

|   |        |   |        |
|---|--------|---|--------|
| F - P d - Z n   |        | F - R b - R h                                     |        |
| <b>ZnPdF<sub>6</sub></b>  | a 1991 | <b>Rb<sub>2</sub>RhF<sub>6</sub></b>              | a 1974 |
| F - P m   |        | F - R b - R u                                     |        |
| <b>PmF<sub>3</sub></b>  | a 112  | <b>RbRuF<sub>6</sub></b>                          | a 1963 |
| <b>F - Pr</b>   |        | <b>Rb<sub>2</sub>RuF<sub>6</sub></b>              | a 1964 |
| <b>PrF<sub>3</sub></b>  | a 100  | F - R b - S b                                     |        |
| <b>PrF<sub>4</sub></b>  | a 101  | <b>RbSbF<sub>6</sub></b>                          | a 1445 |
| F - P r - R b   |        | <b>RbSb<sub>3</sub>F<sub>10</sub></b>             | a 1446 |
| <b>Rb<sub>2</sub>PrF<sub>6</sub></b>  | a 903  | <b>RbSb<sub>4</sub>F<sub>13</sub></b>             | a 1447 |
| <b>Rb<sub>3</sub>PrF<sub>6</sub></b>  | a 904  | <b>Rb<sub>2</sub>SbF<sub>5</sub></b>              | a 1444 |
| <b>Rb<sub>3</sub>PrF<sub>7</sub></b>  | a 905  | F - R b - S i                                     |        |
| F - P r - S   |        | <b>Rb<sub>2</sub>SiF<sub>6</sub> (I)</b>          | a 1221 |
| <b>PrSF</b>   | b 2928 | F - R b - S n                                     |        |
| F - P r - S e   |        | <b>Rb<sub>2</sub>SnF<sub>6</sub></b>              | a 1255 |
| <b>PrScF</b>  | b 4151 | F - R b - S r                                     |        |
| <b>Pr<sub>2</sub>SeF<sub>4</sub></b>  | b 4152 | <b>RbSrF<sub>3</sub></b>                          | a 583  |
| F - P t   |        | F - R b - T a                                     |        |
| <b>PtF<sub>4</sub></b>  | a 323  | <b>RbTaF<sub>6</sub></b>                          | a 1557 |
| <b>PtF<sub>6</sub> (I)</b>  | a 324  | F - R b - T b                                     |        |
| <b>PtF<sub>6</sub> (II)</b>   | a 325  | <b>Rb<sub>3</sub>TbF<sub>7</sub></b>              | a 950  |
| F - P t - R b   |        | F - R b - T c                                     |        |
| <b>Rb<sub>2</sub>PtF<sub>6</sub></b>  | a 2026 | <b>RbTcF<sub>6</sub></b>                          | a 1760 |
| F - P t - S e   |        | <b>Rb<sub>2</sub>TcF<sub>6</sub></b>              | a 1761 |
| <b>[SeF<sub>4</sub>]<sub>2</sub><sup>2⊕</sup>[PtF<sub>4</sub>]<sup>2⊖</sup></b> | a 2038 | F - R b - T h                                     |        |
| F - P t - S r   |        | <b>RbTh<sub>3</sub>F<sub>13</sub></b>             | a 1043 |
| <b>SrPtF<sub>6</sub></b>  | a 2030 | <b>RbTh<sub>6</sub>F<sub>25</sub></b>             | a 1044 |
| <b>F - Pt - Xe</b>  |        | <b>Rb<sub>2</sub>ThF<sub>6</sub></b>              | a 1041 |
| <b>[XeF<sub>5</sub>]<sup>⊕</sup>[PtF<sub>6</sub>]<sup>⊖</sup></b>               | a 2041 | <b>Rb<sub>3</sub>ThF<sub>7</sub></b>              | a 1042 |
| F - P u   |        | <b>Rb<sub>7</sub>Th<sub>6</sub>F<sub>31</sub></b> | a 1045 |
| <b>PuF<sub>3</sub></b>  | a 187  | F - R b - T i                                     |        |
| <b>PuF<sub>4</sub></b>  | a 188  | <b>Rb<sub>2</sub>TiF<sub>6</sub> (I)</b>          | a 1314 |
| <b>PuF<sub>6</sub></b>  | a 189  | <b>Rb<sub>2</sub>TiF<sub>6</sub> (II)</b>         | a 1315 |
| F - P u - R b   |        | <b>Rb<sub>2</sub>TiF<sub>6</sub> (III)</b>        | a 1316 |
| <b>RbPuF<sub>5</sub></b>  | a 1189 | <b>F - R b - T l</b>                              |        |
| <b>Rb<sub>2</sub>PuF<sub>6</sub></b>  | a 1190 | <b>RbTlF<sub>4</sub></b>                          | a 785  |
| <b>Rb<sub>2</sub>PuF<sub>7</sub></b>  | a 1191 | <b>Rb<sub>3</sub>TlF<sub>6</sub></b>              | a 786  |
| <b>Rb<sub>7</sub>Pu<sub>6</sub>F<sub>31</sub></b>                               | a 1192 | F - R b - U                                       |        |
| F - P u - S r   |        | <b>RbUF<sub>5</sub></b>                           | a 1125 |
| <b>(SrF<sub>2</sub>)<sub>x</sub>(PuF<sub>3</sub>)<sub>1-x</sub></b>             | a 191  | <b>RbUF<sub>6</sub></b>                           | a 1126 |
| <b>(SrF<sub>2</sub>)<sub>x</sub>(SrPuF<sub>6</sub>)<sub>1-x</sub></b>           | a 1196 | <b>RbU<sub>3</sub>F<sub>13</sub></b>              | a 1129 |
| <b>SrPuF<sub>6</sub></b>  | a 1195 | <b>RbU<sub>6</sub>F<sub>25</sub></b>              | a 1131 |
| F - R a   |        | <b>Rb<sub>2</sub>UF<sub>6</sub></b>               | a 1127 |
| <b>RaF<sub>2</sub></b>  | a 43   | <b>Rb<sub>2</sub>U<sub>3</sub>F<sub>14</sub></b>  | a 1130 |
| F - R b   |        | <b>Rb<sub>3</sub>UF<sub>7</sub></b>               | a 1128 |
| <b>RbF (I)</b>  | a 16   | <b>Rb<sub>7</sub>U<sub>6</sub>F<sub>31</sub></b>  | a 1132 |
| <b>RbF (II)</b>   | a 17   | F - R b - V                                       |        |
| F - R b - R e   |        | <b>RbVF<sub>3</sub></b>                           | a 1490 |
| <b>RbReF<sub>6</sub></b>  | a 1772 | <b>RbVF<sub>4</sub></b>                           | a 1491 |
| <b>RbReF<sub>7</sub></b>  | a 1775 | <b>RbVF<sub>6</sub></b>                           | a 1492 |
| <b>Rb<sub>2</sub>ReF<sub>6</sub></b>  | a 1773 | <b>Rb<sub>2</sub>VF<sub>6</sub> (I)</b>           | a 1493 |
| <b>Rb<sub>2</sub>ReF<sub>8</sub></b>  | a 1776 | <b>Rb<sub>2</sub>VF<sub>6</sub> (II)</b>          | a 1494 |
|   |        | <b>Rb<sub>3</sub>VF<sub>6</sub> (I)</b>           | a 1495 |

## 2 Alphabetical formula index

|   |        |   |        |
|---|--------|---|--------|
| F - R b - W                                     |        | F - S b - X e   |        |
| RbWF <sub>6</sub>                               | a 1690 | [XeF] <sup>⊕</sup> [Sb <sub>2</sub> F <sub>11</sub> ] <sup>⊖</sup>    | a 1466 |
| RbWF <sub>7</sub>                               | a 1691 | <b>F - Sc</b>   |        |
| F - R b - Y                                     |        | ScF <sub>3</sub> (II)   | a 69   |
| Rb <sub>3</sub> YF <sub>6</sub>                 | a 827  | F - S c - S r   |        |
| F - R b - Z n                                   |        | Sr <sub>1,56</sub> ScF <sub>6,1</sub>                                 | a 811  |
| RbZnF <sub>3</sub> (I)                          | a 594  | Sr <sub>2</sub> ScF <sub>7</sub>                                      | a 811  |
| RbZnF <sub>3</sub> (II)                         | a 595  | F - S c - T l   |        |
| Rb <sub>2</sub> ZnF <sub>4</sub>                | a 596  | Tl <sub>3</sub> ScF <sub>6</sub> (I)                                  | a 814  |
| F - R b - Z r                                   |        | F - S e   |        |
| RbZrF <sub>5</sub>                              | a 1355 | SeF <sub>6</sub> (I)  | a 254  |
| Rb <sub>2</sub> ZrF <sub>6</sub>                | a 1356 | SeF <sub>6</sub> (II)   | a 255  |
| Rb <sub>3</sub> ZrF <sub>7</sub>                | a 1357 | F - S e - S m   |        |
| Rb <sub>5</sub> Zr <sub>4</sub> F <sub>21</sub> | a 1358 | SmSeF   | b 4155 |
| F - R e   |        | F - S e - Y   |        |
| ReF <sub>4</sub>                                | a 288  | YSeF (I)  | b 4129 |
| ReF <sub>5</sub>                                | a 289  | YSeF (II)   | b 4130 |
| ReF <sub>6</sub> (I)                            | a 290  | YSeF (III)  | b 4131 |
| ReF <sub>6</sub> (II)                           | a 291  | YSeF (IV)   | b 4132 |
| ReF <sub>7</sub> (I)                            | a 292  | YSeF (V)  | b 4133 |
| F - R h   |        | YSeF (VI)   | b 4134 |
| RhF <sub>3</sub>                                | a 309  | YSeF (VII)  | b 4135 |
| RhF <sub>5</sub>                                | a 310  | <b>F - Si</b>   |        |
| RhF <sub>6</sub> (I)                            | a 311  | SiF <sub>4</sub>  | a 203  |
| RhF <sub>6</sub> (II)                           | a 312  | F - S i - T i   |        |
| F - R u   |        | Tl <sub>2</sub> SiF <sub>6</sub>                                      | a 1229 |
| RuF <sub>3</sub>                                | a 305  | F - S m   |        |
| RuF <sub>5</sub>                                | a 306  | SmF <sub>2,35</sub>   | a 114  |
| RuF <sub>6</sub> (I)                            | a 307  | SmF <sub>3</sub> (I)  | a 116  |
| RuF <sub>6</sub> (II)                           | a 308  | SmF <sub>3</sub> (II)   | a 117  |
| F - R u - T l                                   |        | SmF <sub>2+x</sub>  | a 113  |
| TlRuF <sub>6</sub>                              | a 1969 |   | a 115  |
| F - S   |        | F - S m - S r   |        |
| SF <sub>6</sub>                                 | a 253  | (SrF <sub>2</sub> ) <sub>1-x</sub> (SmF <sub>3</sub> ) <sub>x</sub>   | a 119  |
| F - S - S b                                     |        | F - S n   |        |
| SF <sub>6</sub> · SbF <sub>5</sub>              | a 1460 | SnF <sub>2</sub> (I)  | a 205  |
| F - S - S m                                     |        | SnF <sub>2</sub> (II)   | a 206  |
| SmSF  | b 2930 | SnF <sub>4</sub>  | a 207  |
| F - S - T b                                     |        | F - S n - S r   |        |
| TbSF  | b 2933 | Sr(SnF <sub>3</sub> ) <sub>2</sub>                                    | a 1261 |
| F - S - Y                                       |        | SrSnF <sub>6</sub> (II)   | a 1260 |
| YSF (I)   | b 2915 | Sr(Sn <sub>2</sub> F <sub>5</sub> ) <sub>2</sub>                      | a 1262 |
| YSF (II)  | b 2916 | F - S n - Z n   |        |
| F - S - Y b                                     |        | ZnSnF <sub>6</sub>  | a 1266 |
| YbSF  | b 2939 | F - S r   |        |
| F - S b   |        | SrF <sub>2</sub> (I)  | a 36   |
| SbF <sub>3</sub>                                | a 234  | SrF <sub>2</sub> (II)   | a 37   |
| SbF <sub>5</sub>                                | a 235  | F - S r - T h   |        |
| F - S b - T l                                   |        | (SrF <sub>2</sub> ) <sub>x</sub> (SrThF <sub>6</sub> ) <sub>1-x</sub> | a 1057 |
| TlSbF <sub>6</sub>                              | a 1453 | SrThF <sub>6</sub>  | a 1056 |
| TlSb <sub>4</sub> F <sub>13</sub>               | a 1455 | F - S r - T i   |        |
| Tl <sub>2</sub> SbF <sub>5</sub>                | a 1454 | SrTiF <sub>5</sub>  | a 1321 |
|   |        | Sr <sub>3</sub> (TiF <sub>6</sub> ) <sub>2</sub>                      | a 1322 |

F-Sr-Tl  
F-Sr-U  
F-Sr-V  
F-Sr-Y  
F-Sr-Zn  
F-Ta  
F-Ta-Tl  
F-Tb  
F-Tc  
F-Te  
F-Th  
F-Th-Tl  
F-Ti  
F-Ti-Tl  
F-Ti-Zn  
F-Tl  
F-Tl-U  
F-Tl-V  
F-Tl-Zn  
F-Tl-Zr  
F-Tm  
F-U  
F-V  
F-W  
F-Xe  
F-Y  
F-Yb  
F-Zn  
F-Zn-Zr  
F-Zr  
Fe-Ga-Gd-O-Y  
Fe-Ga-Gd-O-Y-Yb  
Fe-Ga-In-O-Y  
Fe-Ga-La-O-Si-Sr-Ti  
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Fe-Ga-O-Sr  
Fe-Ga-O-Te  
Fe-Ga-O-Y  
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Fe-O-Sr-Te  
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Fe-O-Sr-U  
Fe-O-Sr-U-W  
Fe-O-Sr-W  
Fe-O-Sr-Zn

|  |        |  |  |        |
|--|--------|--|--|--------|
| <b>F-Sr-Tl</b>   |        |  | <b>F-Tl-U</b>                                  |        |
| SrTl <sub>2</sub> F <sub>8</sub> (I)                                 | a 792  |  | TlUF <sub>6</sub>                              | a 1148 |
| Sr <sub>3</sub> Tl <sub>2</sub> F <sub>12</sub>                      | a 793  |  | TlU <sub>6</sub> F <sub>25</sub>               | a 1151 |
| Sr <sub>1-x</sub> Tl <sub>x</sub> F <sub>2+x</sub> (III)             | a 68   |  | Tl <sub>2</sub> UF <sub>6</sub>                | a 1149 |
| <b>F-Sr-U</b>  |        |  | Tl <sub>3</sub> UF <sub>7</sub>                | a 1150 |
| (SrF <sub>2</sub> ) <sub>x</sub> (SrUF <sub>6</sub> ) <sub>1-x</sub> | a 1144 |  | Tl <sub>7</sub> U <sub>6</sub> F <sub>31</sub> | a 1152 |
| SrUF <sub>6</sub>  | a 1143 |  | Tl <sub>x</sub> UF <sub>5+x</sub>              | a 1148 |
| <b>F-Sr-V</b>  |        |  | <b>F-Tl-V</b>                                  |        |
| SrVF <sub>5</sub>  | a 1516 |  | TlVF <sub>6</sub>                              | a 1523 |
| Sr <sub>3</sub> (VF <sub>6</sub> ) <sub>2</sub>                      | a 1517 |  | Tl <sub>3</sub> VF <sub>6</sub> (I)            | a 1524 |
| <b>F-Sr-Y</b>  |        |  | <b>F-Tl-Zn</b>                                 |        |
| (SrF <sub>2</sub> ) <sub>1-x</sub> (YF <sub>3</sub> ) <sub>x</sub>   | a 843  |  | TlZnF <sub>3</sub>                             | a 608  |
| SrY <sub>2</sub> F <sub>8</sub>                                      | a 843  |  | Tl <sub>2</sub> ZnF <sub>4</sub>               | a 609  |
| Sr <sub>1-x</sub> Y <sub>x</sub> F <sub>2+x</sub>                    | a 76   |  | <b>F-Tl-Zr</b>                                 |        |
| <b>F-Sr-Zn</b>   |        |  | Tl <sub>2</sub> ZrF <sub>6</sub>               | a 1373 |
| SrZnF <sub>4</sub>   | a 603  |  | <b>F-Tm</b>                                    |        |
| <b>F-Ta</b>  |        |  | TmF <sub>2</sub>                               | a 151  |
| TaF <sub>3</sub>   | a 250  |  | TmF <sub>3</sub> (I)                           | a 152  |
| TaF <sub>5</sub>   | a 251  |  | TmF <sub>3</sub> (II)                          | a 153  |
| <b>F-Ta-Ti</b>   |        |  | <b>F-U</b>                                     |        |
| TlTaF <sub>6</sub>   | a 1560 |  | UF <sub>3</sub>                                | a 173  |
| <b>F-Tb</b>  |        |  | UF <sub>4</sub> (I)                            | a 174  |
| TbF <sub>3</sub> (I)   | a 134  |  | UF <sub>4</sub> (II)                           | a 175  |
| TbF <sub>3</sub> (II)  | a 135  |  | UF <sub>5</sub> (I)                            | a 177  |
| TbF <sub>4</sub>   | a 136  |  | UF <sub>5</sub> (II)                           | a 178  |
| <b>F-Tc</b>  |        |  | UF <sub>6</sub>                                | a 179  |
| TcF <sub>5</sub>   | a 285  |  | U <sub>2</sub> F <sub>9</sub>                  | a 176  |
| TcF <sub>6</sub> (I)   | a 286  |  | <b>F-V</b>                                     |        |
| TcF <sub>6</sub> (II)  | a 287  |  | VF <sub>2</sub>                                | a 239  |
| <b>F-Te</b>  |        |  | VF <sub>3</sub>                                | a 241  |
| TeF <sub>4</sub>   | a 256  |  | VF <sub>4</sub>                                | a 242  |
| TeF <sub>6</sub> (I)   | a 257  |  | VF <sub>5</sub>                                | a 243  |
| <b>F-Th</b>  |        |  | V <sub>2</sub> F <sub>5</sub>                  | a 240  |
| ThF <sub>4</sub>   | a 167  |  | <b>F-W</b>                                     |        |
| <b>F-Th-Tl</b>   |        |  | WF <sub>5</sub>                                | a 270  |
| TlTh <sub>6</sub> F <sub>25</sub>                                    | a 1062 |  | WF <sub>6</sub> (I)                            | a 271  |
| Tl <sub>7</sub> Th <sub>6</sub> F <sub>31</sub>                      | a 1063 |  | WF <sub>6</sub> (II)                           | a 272  |
| <b>F-Ti</b>  |        |  | <b>F-Xe</b>                                    |        |
| TiF <sub>3</sub>   | a 218  |  | XeF <sub>2</sub>                               | a 327  |
| TiF <sub>4</sub>   | a 219  |  | XeF <sub>2</sub> · XeF <sub>4</sub>            | a 329  |
| <b>F-Ti-Tl</b>   |        |  | XeF <sub>4</sub>                               | a 328  |
| Tl <sub>2</sub> TiF <sub>6</sub> (I)                                 | a 1329 |  |  | a 329  |
| Tl <sub>2</sub> TiF <sub>6</sub> (II)                                | a 1330 |  | XeF <sub>6</sub> (I)                           | a 330  |
| <b>F-Ti-Zn</b>   |        |  | XeF <sub>6</sub> (II)                          | a 331  |
| ZnTiF <sub>6</sub>   | a 1327 |  | XeF <sub>6</sub> (III)                         | a 332  |
| <b>F-Tl</b>  |        |  | XeF <sub>6</sub> (IV)                          | a 333  |
| TlF (I)  | a 61   |  | <b>F-Y</b>                                     |        |
| TlF (II)   | a 62   |  | YF <sub>3</sub> (I)                            | a 73   |
| TlF <sub>2</sub>   | a 63   |  | YF <sub>3</sub> (II)                           | a 74   |
| TlF <sub>3</sub>   | a 65   |  | <b>F-Yb</b>                                    |        |
| Tl <sub>2</sub> F <sub>3</sub>                                       | a 64   |  | YbF <sub>3</sub> (I)                           | a 156  |
|  |        |  | YbF <sub>3</sub> (II)                          | a 157  |
|  |        |  | YbF <sub>2+x</sub>                             | a 155  |

## 2 Alphabetical formula index

|   |   |      |  |
|---|---|------|--|
| <b>F - Zn</b>   |   |      |  |
| ZnF <sub>2</sub> (I)  | a | 44   |  |
| ZnF <sub>2</sub> (II)   | a | 45   |  |
| ZnF <sub>2</sub> (III)  | a | 46   |  |
| ZnF <sub>2</sub> (IV)   | a | 47   |  |
| <b>F - Zn - Zr</b>  |   |      |  |
| ZnZrF <sub>6</sub>  | a | 1367 |  |
| <b>F - Zr</b>   |   |      |  |
| ZrF <sub>2</sub>  | a | 222  |  |
| ZrF <sub>3</sub>  | a | 223  |  |
| ZrF <sub>4</sub> (I)  | a | 224  |  |
| ZrF <sub>4</sub> (II)   | a | 225  |  |
| ZrF <sub>4</sub> (III)  | a | 226  |  |
| <b>Fe - Ga - Gd - O - Y</b>   |   |      |  |
| Gd <sub>x</sub> Y <sub>3-x</sub> Ga <sub>y</sub> Fe <sub>5-y</sub> O <sub>12</sub>                      | f | 3273 |  |
| <b>Fe - Ga - Gd - O - Y - Yb</b>  |   |      |  |
| Yb <sub>y</sub> Gd <sub>x</sub> Y <sub>3-x-y</sub> Ga <sub>z</sub> Fe <sub>5-z</sub> O <sub>12</sub>    | f | 3337 |  |
| <b>Fe - Ga - In - O - Y</b>   |   |      |  |
| Y <sub>3</sub> Fe <sub>5-2x</sub> Ga <sub>x</sub> In <sub>2</sub> O <sub>12</sub>                       | d | 8352 |  |
| <b>Fe - Ga - La - O - Si - Sr - Ti</b>  |   |      |  |
| (La <sub>3</sub> Sr)Fe <sup>II</sup> (GaTi)Ti <sub>2</sub> Si <sub>4</sub> O <sub>22</sub>              | d | 1040 |  |
| <b>Fe - Ga - Li - O</b>   |   |      |  |
| Li <sub>0.5</sub> Fe <sub>2.5(1-x)}</sub> Ga <sub>2.5x</sub> O <sub>4</sub>                             | f | 3176 |  |
| <b>Fe - Ga - Mg - O</b>   |   |      |  |
| MgGa <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub>  | d | 8234 |  |
| MgGa <sub>2x</sub> <sup>III</sup> Fe <sub>2(1-x)}</sub> <sup>III</sup> O <sub>4</sub>                   | f | 3181 |  |
| <b>Fe - Ga - Mn - O</b>   |   |      |  |
| MnFeGaO <sub>4</sub>  | d | 8240 |  |
| MnGa <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub>  | f | 3507 |  |
| <b>Fe - Ga - N</b>  |   |      |  |
| Ga <sub>0.08</sub> Fe <sub>0.75</sub> N <sub>0.17</sub>   | c | 255  |  |
| GaFe <sub>3</sub> N   | c | 408  |  |
| <b>Fe - Ga - Ni - O</b>   |   |      |  |
| NiGa <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub>  | f | 3624 |  |
| <b>Fe - Ga - O</b>  |   |      |  |
| FeGa <sub>2</sub> O <sub>4</sub>  | d | 8231 |  |
| Fe <sup>II</sup> Ga <sub>2</sub> <sup>III</sup> O <sub>4</sub>  | f | 3174 |  |
| Fe <sub>x</sub> Ga <sub>2-x</sub> O <sub>3</sub>  | d | 8232 |  |
| Fe <sub>x</sub> Ga <sub>2-x</sub> O <sub>3</sub> (I)  | b | 1376 |  |
| Fe <sub>x</sub> Ga <sub>2-x</sub> O <sub>3</sub> (II)   | f | 3175 |  |
| Fe <sub>x</sub> Ga <sub>2-x</sub> O <sub>3</sub> (III)  | f | 3174 |  |
| GaFeO <sub>3</sub> (I)  | b | 1376 |  |
| GaFeO <sub>3</sub> (II)   | f | 3175 |  |
| Ga <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub>  | f | 3174 |  |
| Ga <sub>1-x</sub> Fe <sub>1+x</sub> O <sub>3</sub>  | f | 3175 |  |
| Ga <sub>x</sub> Fe <sub>x</sub> O <sub>3</sub>  | f | 3175 |  |
| <b>Fe - Ga - O - Sr</b>   |   |      |  |
| SrGa <sub>x</sub> Fe <sub>12-x</sub> O <sub>19</sub>  | f | 3183 |  |
| <b>Fe - Ga - O - Te</b>   |   |      |  |
| (Ga <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> TeO <sub>6</sub>                                      | b | 4787 |  |
| <b>Fe - Ga - O - Y</b>  |   |      |  |
| Y <sub>3</sub> Ga <sub>x</sub> Fe <sub>5-x</sub> O <sub>12</sub>  | f | 3202 |  |
| Y <sub>3+x</sub> Ga <sub>y</sub> Fe <sub>5-x-y</sub> O <sub>12</sub>                                    | f | 3201 |  |
| <b>Fe - Ga - O - Yb</b>   |   |      |  |
| Yb <sub>3</sub> Ga <sub>3</sub> Fe <sub>2</sub> O <sub>12</sub>   | f | 3330 |  |
| Yb <sub>3</sub> Ga <sub>x</sub> Fe <sub>5-x</sub> O <sub>12</sub>                                       | f | 3330 |  |
| <b>Fe - Gd - Ge - Mn - O</b>  |   |      |  |
| Mn <sub>3</sub> (Gd,Fe) <sub>2</sub> (GeO <sub>4</sub> ) <sub>3</sub>                                   | d | 2942 |  |
| <b>Fe - Gd - H - O - Si</b>   |   |      |  |
| Fe <sub>2</sub> Gd <sub>7</sub> [Si <sub>6</sub> O <sub>23</sub> (OH) <sub>3</sub> ]                    | d | 1964 |  |
| Fe <sub>2</sub> Gd <sub>8</sub> Si <sub>7</sub> O <sub>28</sub> · 3H <sub>2</sub> O                     | d | 1964 |  |
| <b>Fe - Gd - In - O - Y</b>   |   |      |  |
| Gd <sub>3-x</sub> Y <sub>x</sub> In <sub>y</sub> Fe <sub>5-y</sub> O <sub>12</sub>                      | f | 3214 |  |
| <b>Fe - Gd - La - O</b>   |   |      |  |
| Gd <sub>3-x</sub> La <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                       | f | 3276 |  |
| <b>Fe - Gd - Mg - O - Si</b>  |   |      |  |
| Gd <sub>3</sub> (Mg <sub>x</sub> Fe <sub>2-x</sub> )(Fe <sub>3-x</sub> Si <sub>x</sub> )O <sub>12</sub> | d | 1020 |  |
| <b>Fe - Gd - Nd - O</b>   |   |      |  |
| Gd <sub>3-x</sub> Nd <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                       | f | 3278 |  |
| <b>Fe - Gd - O</b>  |   |      |  |
| GdFeO <sub>3</sub>  | f | 3265 |  |
| Gd <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub>   | f | 3266 |  |
|   | f | 3270 |  |
|   | f | 3278 |  |
|   | f | 3294 |  |
|   | f | 3318 |  |
|   | f | 3670 |  |
|   | f | 3672 |  |
| <b>Fe - Gd - O - Pr</b>   |   |      |  |
| Gd <sub>3-x</sub> Pr <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                       | f | 3277 |  |
| <b>Fe - Gd - O - Sb</b>   |   |      |  |
| Gd <sub>2</sub> FeSbO <sub>7</sub>  | c | 3176 |  |
| <b>Fe - Gd - O - Sc</b>   |   |      |  |
| Gd <sub>3</sub> Sc <sub>x</sub> Fe <sub>5-x</sub> O <sub>12</sub>                                       | f | 3270 |  |
| <b>Fe - Gd - O - Sc - Y</b>   |   |      |  |
| Gd <sub>2</sub> YSc <sub>x</sub> Fe <sub>5-x</sub> O <sub>12</sub>                                      | f | 3275 |  |
| <b>Fe - Gd - O - Sm</b>   |   |      |  |
| Gd <sub>3-x</sub> Sm <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>                                       | f | 3279 |  |
| <b>Fe - Gd - O - Sr</b>   |   |      |  |
| SrGdFeO <sub>4</sub>  | f | 3267 |  |
| SrGd <sub>2</sub> Fe <sub>2</sub> O <sub>7</sub>  | f | 3268 |  |
| <b>Fe - Gd - O - Tb</b>   |   |      |  |
| Tb <sub>x</sub> Gd <sub>3-x</sub> Fe <sub>5</sub> O <sub>12</sub>                                       | f | 3287 |  |
| <b>Fe - Gd - O - Ti</b>   |   |      |  |
| GdFeTiO <sub>5</sub>  | e | 1166 |  |
| <b>Fe - Gd - O - Y</b>  |   |      |  |
| Gd <sub>3-x</sub> Y <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>  | f | 3271 |  |
| <b>Fe - Ge - H - O</b>  |   |      |  |
| FeGe(OH) <sub>6</sub>   | d | 3105 |  |
| <b>Fe - Ge - H - O - Zn</b>   |   |      |  |
| (Zn,Fe)Ge(OH) <sub>6</sub>  | d | 3106 |  |
| <b>Fe - Ge - K - O</b>  |   |      |  |
| KFeGe <sub>3</sub> O <sub>8</sub>   | d | 2906 |  |



## 2 Alphabetisches Formelverzeichnis

|  |        |  |   |        |
|--|--------|--|---|--------|
| <b>Fe-Ge-Li-0</b>  |        |  | <b>Fe-Ge-0</b>  |        |
| LiFe <sub>5-4x</sub> Ge <sub>2</sub> O <sub>8-4x</sub>   | d 2904 |  | FeGeO <sub>3</sub>  | d 2896 |
| Li <sub>2</sub> FeGeO <sub>4</sub> (I)   | d 2901 |  | Fe <sub>2</sub> GeO <sub>4</sub>  | d 2894 |
| Li <sub>2</sub> FeGeO <sub>4</sub> (II)  | d 2902 |  | Fe <sub>2</sub> GeO <sub>5</sub>  | d 2900 |
| Li <sub>0,5+0,833x</sub> Fe <sub>2,5-2,5x</sub> Ge <sub>1,667x</sub> O <sub>4</sub>                        | d 2903 |  | (Fe <sub>3</sub> O <sub>4</sub> ) <sub>1-x</sub> (Fe <sub>2</sub> GeO <sub>4</sub> ) <sub>x</sub>     | d 2895 |
| <b>Fe-Ge-Li-0-Zn</b>   |        |  |   | d 2988 |
| Li <sub>5</sub> Zn <sub>8</sub> Fe <sub>5</sub> Ge <sub>9</sub> O <sub>36</sub>                            | d 2917 |  | Fe <sub>4</sub> GeO <sub>8</sub> (I)  | d 2891 |
| <b>Fe-Ge-Mg-0</b>  |        |  | Fe <sub>4</sub> GeO <sub>8</sub> (II)   | d 2898 |
| Mg <sub>0,8</sub> Fe <sub>0,2</sub> GeO <sub>4</sub>   | d 2912 |  | Fe <sub>4</sub> GeO <sub>8</sub> (III)  | d 2899 |
| Mg <sub>1-x</sub> Fe <sub>x</sub> GeO <sub>3</sub>   | d 2896 |  | <b>Fe-Ge-0-Rb</b>   |        |
| <b>Fe-Ge-Mn-Nb-0-Zn</b>  |        |  | RbFeGe <sub>3</sub> O <sub>8</sub>  | d 2907 |
| ZnMn <sub>3</sub> FeGe <sub>2</sub> NbO <sub>12</sub>  | e 2798 |  | <b>Fe-Ge-0-Sr</b>   |        |
| ZnNbMn <sub>3</sub> FeGe <sub>2</sub> O <sub>12</sub>  | d 2946 |  | Sr <sub>2</sub> FeGe <sub>2</sub> O <sub>7</sub>  | d 2914 |
| <b>Fe-Ge-Mn-0</b>  |        |  | <b>Fe-Ge-0-Sr-Y</b>   |        |
| MnFeGeO <sub>4</sub> (I)   | d 2934 |  | {Sr <sub>0,5</sub> Y <sub>2,5</sub> }Fe <sub>4,5</sub> Ge <sub>0,5</sub> O <sub>12</sub>              | d 2924 |
| MnFeGeO <sub>4</sub> (II)  | d 2935 |  | <b>Fe-Ge-0-Zn</b>   |        |
| Mn <sub>3</sub> Fe <sub>2</sub> (GeO <sub>4</sub> ) <sub>3</sub>   | d 2936 |  | Zn <sub>1-x</sub> (Fe <sup>II</sup> ,Fe <sup>III</sup> ) <sub>2</sub> Ge <sub>x</sub> O <sub>4</sub>  | d 2916 |
| Mn <sub>1-x</sub> Fe <sub>x</sub> GeO <sub>3</sub>   | d 2937 |  | <b>Fe-H-In-0-Sr</b>   |        |
| <b>Fe-Ge-Mn-O-Y</b>  |        |  | Sr <sub>3</sub> (In <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> (OH) <sub>12</sub>                  | f 3655 |
| Mn <sub>3</sub> (Y,Fe) <sub>2</sub> (GeO <sub>4</sub> ) <sub>3</sub>                                       | d 2945 |  | <b>Fe-H-J-N</b>   |        |
| Y <sub>2</sub> Mn <sub>2</sub> Fe(GeO <sub>4</sub> ) <sub>3</sub>  | d 2943 |  | [Fe(NH <sub>3</sub> ) <sub>6</sub> ]J <sub>2</sub>  | a 3698 |
| Y <sub>3-x</sub> Mn <sub>x</sub> Fe <sub>5-y</sub> Ge <sub>y</sub> O <sub>12</sub>                         | d 2944 |  | <b>Fe-H-J-O</b>   |        |
| <b>Fe-Ge-Mn-0-Zn</b>   |        |  | Fe <sub>2</sub> (OH) <sub>3</sub> J   | b 2469 |
| (MnFe)(Zn <sub>0,5</sub> Ge <sub>0,5</sub> )O <sub>4</sub>   | d 2940 |  | <b>Fe-H-K-Mg-Na-0-Si</b>  |        |
| Zn <sub>0,5</sub> Ge <sub>0,5</sub> MnFeO <sub>4</sub>   | f 3518 |  | (Na <sub>0,93</sub> K <sub>0,02</sub> )(Mg <sub>3,94</sub> Fe <sup>III</sup> <sub>0,01</sub> ) ·      |        |
| (ZnMn <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (Zn <sub>0,5</sub> Fe <sup>II</sup> Mn <sup>III</sup> · |        |  | [Si <sub>6</sub> O <sub>14,86</sub> (OH) <sub>1,14</sub> ](OH) <sub>2,00</sub>                        | d 1628 |
| Ge <sup>IV</sup> <sub>0,5</sub> O <sub>4</sub> ) <sub>x</sub>  | d 2941 |  | <b>Fe-H-K-Mg-0-Si</b>   |        |
| (ZnMn <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (Zn <sub>0,5</sub> Ge <sub>0,5</sub> MnFe               |        |  | K(Mg,Fe) <sub>3</sub> [(Mg,Fe,Si) <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ]                    | d 1881 |
| O <sub>4</sub> ) <sub>x</sub>  | f 3518 |  | K(Mg,Fe)(Mg,Fe) <sub>x</sub> Si <sub>3-x</sub> O <sub>10</sub> ·                                      |        |
| Zn <sub>0,5x</sub> Ge <sub>1-0,5x</sub> Mn <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub> (I)               | d 2938 |  | (OH) <sub>2</sub> ]   | d 1632 |
| Zn <sub>0,5x</sub> Ge <sub>1-0,5x</sub> Mn <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub> (II)              | d 2939 |  | K(Mg,Fe)(Mg,Fe) <sub>x</sub> Si <sub>4-x</sub> O <sub>10</sub> (OH)                                   | d 1895 |
| <b>Fe-Ge-N</b>   |        |  | K(Mg,Fe <sup>II</sup> )Fe <sup>III</sup> [Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ]         | d 1895 |
| GeFe <sub>3</sub> N <sub>x</sub> (I)   | c 410  |  | KMgFe <sup>III</sup> [Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ]                             | d 1895 |
| GeFe <sub>3</sub> N <sub>x</sub> (II)  | c 411  |  | KMg <sub>3</sub> [FeSi <sub>3</sub> O <sub>10</sub> (OH) <sub>2</sub> ]                               | d 1894 |
| <b>Fe-Ge-N-V</b>   |        |  | <b>Fe-H-K-Mn-Na-Nb-O-Si-</b>  |        |
| (Ge,V,Fe)N <sub>x</sub>  | c 414  |  | <b>Sn-Ti-Zr</b>   |        |
| <b>Fe-Ge-Na-0</b>  |        |  | (K,Na) <sub>3</sub> (Mn,Fe) <sub>7</sub> (Zr,Ti,Sn,Nb) <sub>2</sub> ·                                 |        |
| NaFeGe <sub>2</sub> O <sub>6</sub>   | d 2905 |  | [Si <sub>8</sub> (O,OH) <sub>31</sub> ]   | d 2019 |
| <b>Fe-Ce-Na-O-Y</b>  |        |  | <b>Fe-H-K-Mn-Na-Nb-O-</b>   |        |
| {Na <sub>0,5x</sub> Y <sub>3-0,5x</sub> }Fe <sub>5-x</sub> Ge <sub>x</sub> O <sub>12</sub>                 | d 2922 |  | <b>Si-Ti</b>  |        |
| <b>Fe-Ge-Ni-0</b>  |        |  | (K,Na) <sub>3</sub> (Mn,Fe) <sub>7</sub> (Nb,Ti) <sub>2</sub> [Si <sub>8</sub> ·                      |        |
| (Ni <sub>x</sub> Fe <sub>1-x</sub> ) <sub>2</sub> Ni <sub>1-x</sub> Ge <sub>x</sub> O <sub>4</sub>         | d 3021 |  | (O,OH) <sub>31</sub> ]  | d 2023 |
| <b>Fe-Ge-Ni-O-Y</b>  |        |  | <b>Fe-H-K-Mn-Na-0-Si</b>  |        |
| Y <sub>3</sub> Ni <sub>3</sub> Fe <sub>5-2x</sub> Ge <sub>x</sub> O <sub>12</sub>                          | d 3024 |  | KNa(Fe,Mn)[Si <sub>4</sub> O <sub>10</sub> ] · 0,5H <sub>2</sub> O                                    | d 942  |
| <b>Fe-Ge-Ni-0-Zn</b>   |        |  | (K,Na,Mn) <sub>2</sub> Fe <sup>II</sup> Fe <sup>III</sup> Si <sub>12</sub> O <sub>30</sub> ·          |        |
| NiFe <sub>2-2x</sub> Zn <sub>x</sub> Ge <sub>x</sub> O <sub>4</sub>  | d 3022 |  | H <sub>2</sub> O  | d 1490 |
| Ni <sub>0,25+1,5x</sub> Fe <sub>2-1,5x</sub> Zn <sub>0,75-0,75x</sub> ·                                    |        |  | <b>Fe-H-K-Mn-Na-0-Si-Ti</b>   |        |
| Ge <sub>0,75</sub> O <sub>4</sub>  | d 3022 |  | (K,Na) <sub>3</sub> (Mn,Fe) <sub>7</sub> Ti <sub>2</sub> [Si <sub>8</sub> (O,OH) <sub>31</sub> ]      | d 2019 |
| Zn <sub>x</sub> (Ni <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> Ge <sub>1-x</sub> O <sub>4</sub> (I)     | d 3022 |  | <b>Fe-H-K-Mn-O-S</b>  |        |
| Zn <sub>x</sub> (Ni <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> Ge <sub>1-x</sub> O <sub>4</sub> (II)    | d 3023 |  | K <sub>2</sub> Mn <sub>5</sub> Fe <sup>II</sup> (SO <sub>4</sub> ) <sub>12</sub> · 18H <sub>2</sub> O | b 3677 |
|  |        |  | <b>Fe-H-K-N-O-S</b>   |        |
|  |        |  | KFe <sub>4</sub> S <sub>3</sub> (NO) <sub>7</sub> · H <sub>2</sub> O                                  | c 1096 |

## 2 Alphabetical formula index

|   |   |      |  |
|---|---|------|--|
| <b>Fe-H-K-Na-Nb-O-Si-Ti</b>   |   |      |  |
| $(\text{K},\text{Na})_2(\text{Fe}^{\text{III}},\text{Si})_2(\text{Ti},\text{Nb})_6 \cdot (\text{O},\text{OH})_{18}$   | e | 1295 |  |
| <b>Fe-H-K-Na-O-S</b>  |   |      |  |
| $\text{K}_2\text{Na}_6\text{Fe}_7\text{O}_2(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$   | b | 3858 |  |
| $\text{K}_3\text{Na}_8\text{Fe}(\text{SO}_4)_6(\text{OH})_3 \cdot 10\text{H}_2\text{O}$   | b | 3911 |  |
| $\text{K}_3\text{Na}_9\text{Fe}(\text{SO}_4)_6(\text{OH})_3 \cdot 9\text{H}_2\text{O}$  | b | 3911 |  |
| $[\text{K}_{1-x-y}\text{Na}_y(\text{H}_3\text{O})_x]\text{Fe}_3(\text{SO}_4)_2 \cdot (\text{OH})_6$   | b | 3817 |  |
| <b>Fe-H-K-M-O-W</b>   |   |      |  |
| $\text{K}_6[\text{H}_3\text{NiFeW}_{11}\text{O}_{40}] \cdot 13\text{H}_2\text{O}$   | f | 2327 |  |
| <b>Fe-H-K-O-P</b>   |   |      |  |
| $\text{KFeH}_2(\text{PO}_4)_2 \cdot \text{H}_2\text{O}$   | c | 2196 |  |
| $\text{KFe}_2(\text{PO}_4)_2(\text{OH}) \cdot 2\text{H}_2\text{O}$  | c | 2343 |  |
| $(\text{K},\text{H})\text{Fe}_4^{\text{III}}(\text{PO}_4)_3(\text{OH})_4 \cdot 6 \dots 7\text{H}_2\text{O}$   | c | 2344 |  |
| $\text{KH}_2\text{Fe}(\text{PO}_4)_2$   | c | 2005 |  |
| <b>Fe-H-K-O-P-W</b>   |   |      |  |
| $\text{K}_7[\text{Fe}^{\text{III}}\text{P}_2\text{W}_{17}\text{O}_{61}(\text{OH})_2] \cdot \approx 25\text{H}_2\text{O}$  | f | 2280 |  |
| <b>Fe-H-K-O-S</b>   |   |      |  |
| $(\text{H}_3\text{O})_2\text{K}_2(\text{K}_{0,5}(\text{H}_2\text{O})_{0,5})_6\text{Fe}_3^{\text{III}} \cdot (\text{SO}_4)_6\text{O}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$ | b | 3910 |  |
| $\text{KFe}^{\text{III}}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$   | b | 3644 |  |
| $\text{KFe}^{\text{III}}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$  | b | 3645 |  |
| $\text{KFe}^{\text{III}}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$   | b | 3646 |  |
| $\text{KFe}_3(\text{SO}_4)_2(\text{OH})_6$  | b | 3815 |  |
| $\text{K}_2\text{Fe}^{\text{II}}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$  | b | 3643 |  |
| $\text{K}_5\text{Fe}_3\text{O}(\text{SO}_4)_6 \cdot 10\text{H}_2\text{O}$ (II)  | b | 3857 |  |
| $\text{K}_5\text{Fe}_3(\text{SO}_4)_6(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ (I)   | b | 3908 |  |
| $\text{K}_5\text{Fe}_3(\text{SO}_4)_6(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ (II)  | b | 3909 |  |
| $\text{K}_5\text{Fe}_3(\text{SO}_4)_6(\text{OH})_2 \cdot x\text{H}_2\text{O}$   | b | 3910 |  |
| $[\text{K}_{1-x}(\text{H}_3\text{O})_x]\text{Fe}_3(\text{SO}_4)_2(\text{OH})_6$   | b | 3816 |  |
| <b>Fe-H-K-O-S-Zn</b>  |   |      |  |
| $\text{K}_2\text{Zn}_5\text{Fe}_4(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$   | b | 3662 |  |
| <b>Fe-H-K-O-Si</b>  |   |      |  |
| $\text{KFe}_3^{\text{II}}[(\text{Fe}^{\text{III}}\text{Si}_3)\text{O}_{10}(\text{OH})_2]$   | d | 1881 |  |
| <b>Fe-H-La-O-Si</b>   |   |      |  |
| $\text{Fe}_2\text{La}_7[\text{Si}_6\text{O}_{23}(\text{OH})_3]$   | d | 1959 |  |
| $\text{Fe}_2\text{La}_8\text{Si}_7\text{O}_{28} \cdot 3\text{H}_2\text{O}$  | d | 1959 |  |
| <b>Fe-H-Li-Mn-Na-O-P-Zn</b>   |   |      |  |
| $(\text{Na},\text{Li},\text{H},\text{Zn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Mn})_5(\text{PO}_4)_3 \cdot (\text{OH})_5$                                      | c | 2309 |  |
| <b>Fe-H-Li-Mn-O-Si</b>  |   |      |  |
| $\text{LiHMn}_{4-x}\text{Fe}_x^{\text{II}}\text{Si}_5\text{O}_{15}$   | d | 1071 |  |
| $\text{LiMn}_{4-x}\text{Fe}_x^{\text{II}}\text{Si}_5\text{O}_{14}(\text{OH})$   | d | 1071 |  |
| <b>Fe-H-Mg-Mn-N-O-S</b>   |   |      |  |
| $(\text{NH}_4)_2\text{Fe}_{0,940}\text{Mg}_{0,054}\text{Mn}_{0,006} \cdot (\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$  | b | 3647 |  |
| <b>Fe-H-Mg-Mn-Ni-O-Si-Ti</b>  |   |      |  |
| $(\text{Mg},\text{Mn},\text{Fe},\text{Ni},\text{Ti})_5[(\text{SiO}_4)_2 \cdot (\text{O},\text{OH})_2]$  | d | 1968 |  |
| <b>Fe-H-Mg-Mn-O</b>   |   |      |  |
| $(\text{Fe}_{0,730}\text{Mg}_{0,224}\text{Mn}_{0,046})(\text{OH})_2$  | b | 1679 |  |
| $(\text{Fe},\text{Mn},\text{Mg})(\text{OH})_2$  | b | 1679 |  |
| <b>Fe-H-Mg-Mn-O-S-Zn</b>  |   |      |  |
| $(\text{Mg}_{0,60}\text{Zn}_{0,10}\text{Mn}_{0,02}\text{Fe}_{0,28})\text{SO}_4 \cdot 4\text{H}_2\text{O}$   | b | 3679 |  |
| $(\text{Zn},\text{Mg},\text{Mn},\text{Fe}^{\text{II}})\text{Fe}^{\text{III}}(\text{SO}_4)_2(\text{OH}) \cdot 7\text{H}_2\text{O}$   | b | 3922 |  |
| $(\text{Zn},\text{Mn},\text{Mg},\text{Fe}^{\text{II}})\text{Fe}^{\text{III}}(\text{SO}_4)_2(\text{OH}) \cdot 7\text{H}_2\text{O}$   | b | 3913 |  |
| <b>Fe-H-Mg-Mn-O-Si</b>  |   |      |  |
| $(\text{Mg},\text{Mn},\text{Fe})_6[(\text{Si},\text{Fe}^{\text{III}})\text{Si}_3\text{O}_{10} \cdot (\text{O},\text{OH})_8]$  | d | 1992 |  |
| $(\text{Mg},\text{Mn},\text{Fe})_7[\text{Si}_4\text{O}_{11}(\text{OH})]_2$  | d | 1991 |  |
| <b>Fe-H-Mg-Mn-O-Si-X</b>  |   |      |  |
| $(\text{Mg},\text{Mn},\text{Fe}^{\text{II}})_3[\text{Si}_4\text{O}_{10}(\text{OH})_2]\text{X}_{0,16} \cdot 4\text{H}_2\text{O}$   | d | 2329 |  |
| <b>Fe-H-,Mg-Mn-O-Si-Zn</b>  |   |      |  |
| $(\text{Zn},\text{Mg},\text{Mn},\text{Fe})_7[\text{Si}_4\text{O}_{11}(\text{OH})]_2$  | d | 1996 |  |
| <b>Fe-H-Mg-N-O-S</b>  |   |      |  |
| $(\text{NH}_4)_2\text{Mg}_x\text{Fe}_{1-x}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$  | b | 3660 |  |
| <b>Fe-H-Mg-Na-O-S</b>   |   |      |  |
| $\text{NaMg}_2\text{Fe}_3(\text{SO}_4)_7(\text{OH})_6 \cdot 33\text{H}_2\text{O}$   | b | 3915 |  |
| <b>Fe-H-Mg-Na-O-Si</b>  |   |      |  |
| $\text{Na}_2\text{Mg}_3\text{Fe}_2^{\text{III}}[\text{Si}_4\text{O}_{11}(\text{OH})]_2$   | d | 1893 |  |
| <b>Fe-H-Mg-Ni-O</b>   |   |      |  |
| $(\text{Fe},\text{Ni})\text{O}(\text{OH}) \cdot 4\text{Mg}(\text{OH})_2$  | b | 1808 |  |
| <b>Fe-H-Mg-O</b>  |   |      |  |
| $\text{FeMg}_4(\text{OH})_{11}$   | b | 1677 |  |
| $\text{Mg}_{0,982}\text{Fe}_{0,018}(\text{OH})_2$   | b | 1626 |  |
| $\text{Mg}_4\text{Fe}(\text{OH})_{11}$  | f | 3651 |  |
| $\text{Mg}_7\text{Fe}_4\text{O}_4(\text{OH})_{18} \cdot \text{H}_2\text{O}$   | f | 3646 |  |
| $\text{Mg}_7\text{Fe}_4\text{O}_{13} \cdot 10\text{H}_2\text{O}$  | f | 3646 |  |
| <b>Fe-H-Mg-O-S</b>  |   |      |  |
| $5[\text{Mg}_{0,7}\text{Fe}_{0,3}(\text{OH})_2] \cdot 6(\text{Fe}_{0,8}\text{S})$ (II)  | b | 3111 |  |
| $5[\text{Mg}_{0,71}\text{Fe}_{0,29}(\text{OH})_2] \cdot 6(\text{Fe}_{0,9}\text{S})$ (I)   | b | 3110 |  |
| $\text{MgFe}^{\text{III}}(\text{SO}_4)_2(\text{OH}) \cdot 7\text{H}_2\text{O}$  | b | 3913 |  |
| $\text{MgFe}_3(\text{SO}_4)_4(\text{OH})_3 \cdot 18\text{H}_2\text{O}$  | b | 3915 |  |
| $\text{MgFe}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$  | b | 3914 |  |
| <b>Fe-H-Mg-O-S-Zn</b>   |   |      |  |
| $(\text{Zn},\text{Mg})\text{Fe}(\text{SO}_4)_2(\text{OH}) \cdot 7\text{H}_2\text{O}$  | b | 3922 |  |
| <b>Fe-H-Mg-O-Si</b>   |   |      |  |
| $(\text{Mg},\text{Fe})_7[(\text{Si}_4\text{O}_{11})(\text{OH})]_2$ (I)  | d | 1883 |  |
| $(\text{Mg},\text{Fe})_{10}\text{Si}_{12}\text{O}_{32}(\text{OH})_4$ (I)  | d | 1888 |  |
| $(\text{Mg},\text{Fe})_{10}\text{Si}_{12}\text{O}_{32}(\text{OH})_4$ (II)   | d | 1889 |  |
| $(\text{Mg},\text{Fe})_{17}\text{Si}_{20}\text{O}_{54}(\text{OH})_6$  | d | 1887 |  |
| $(\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}})_{\leq 4}[\text{Si}_6\text{O}_{15}(\text{O},\text{OH})_2] \cdot 6\text{H}_2\text{O}$                               | d | 2314 |  |
| $(\text{Mg},\text{Fe}^{\text{II}})_6[\text{Si}_4\text{O}_{10}(\text{OH})_8]$  | d | 1891 |  |
| $(\text{Mg},\text{Fe}^{\text{II}})_7[\text{Si}_4\text{O}_{11}(\text{OH})]_2$ (II)   | d | 1884 |  |
| $(\text{Mg},\text{Fe}^{\text{II}})_7[\text{Si}_4\text{O}_{11}(\text{OH})]_2$ (III)  | d | 1885 |  |

(cont.)

## 2 Alphabetisches Formelverzeichnis

|  |        |   |        |
|--|--------|---|--------|
| $(\text{Mg}, \text{Fe}^{\text{II}})_7[\text{Si}_4\text{O}_{11}(\text{OH})_2]_{\text{IV}}$                        | d 1886 | <b>Fe-H-MO-0</b>  |        |
| $(\text{Mg}_{4,6}\text{Fe}_{0,5}^{\text{II}}\text{Fe}_{0,6}^{\text{III}}[\text{Si}_4\text{O}_{10}(\text{OH})_8]$ | d 1892 | $\text{FeMoO}_4 \cdot \text{H}_2\text{O}$   | f 1134 |
| $\{\text{Mg}_7[\text{Si}_4\text{O}_{11}(\text{OH})_2]_{1-x}\{\text{Fe}_7 \cdot$                                  |        | $\text{Fe}_2(\text{MoO}_4)_3 \cdot 7\text{H}_2\text{O}$   | f 1135 |
| $[\text{Si}_4\text{O}_{11}(\text{OH})_2]_x\}$  | d 1886 | <b>Fe-H-N-Ni-O-W</b>  |        |
| $(\text{Mg}, \text{Fe}_{1-x})_3[\text{Si}_4\text{O}_{10}(\text{OH})_2]$  | d 1890 | $(\text{NH}_4)_6[\text{H}_3\text{NiFeW}_{11}\text{O}_{40}] \cdot 18\text{H}_2\text{O}$                        | f 2328 |
| $(\text{Mg}_{1-x}\text{Fe}_x)_7[\text{Si}_4\text{O}_{11}(\text{OH})_2]$  | d 1884 | <b>Fe-H-N-O-P</b>   |        |
| <b>Fe-H-Mg-0-Si-Ti</b>   |        | $\text{NH}_4\text{FePO}_4 \cdot \text{H}_2\text{O}$   | c 2194 |
| $(\text{Mg}, \text{Fe}, \text{Ti})_5[(\text{SiO}_4)_2(\text{O}, \text{OH})_2]$                                   | d 1968 | $\text{NH}_4\text{Fe}_3\text{H}_8(\text{PO}_4)_6 \cdot 6\text{H}_2\text{O}$                                   | c 2195 |
| <b>Fe-H-Mn-N-O-S</b>   |        | <b>Fe-H-N-0-Pb</b>  |        |
| $(\text{NH}_4)_2\text{Mn}_5\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$                | b 3676 | $(\text{NH}_4)_2\text{Pb}[\text{Fe}(\text{NO}_2)_6]$  | c 724  |
| <b>Fe-H-Mn-Na-O-P-Si-</b>  |        | <b>Fe-H-N-O-S</b>   |        |
| <b>Ta-Th</b>   |        | $(\text{NH}_3\text{OH})\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$                                   | b 3651 |
| $\text{Na}_2\text{Th}(\text{Mn}, \text{Ta}, \text{Fe}, \dots)\text{H}_2[(\text{SiO}_4),$                         |        | $(\text{NH}_4)_9\text{Fe}(\text{SO}_3)_6$   | b 3126 |
| $(\text{PO}_4)_3]$   | d 2198 | $(\text{NH}_4)_2\text{Fe}^{\text{II}}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$                               | b 3647 |
| <b>Fe-H-Mn-0</b>   |        | $(\text{NH}_4)_3\text{Fe}^{\text{III}}(\text{SO}_4)_3$  | b 3385 |
| $(\text{Fe}, \text{Mn})_5\text{O}(\text{OH})_9$  | b 1796 | $(\text{NH}_4)\text{Fe}^{\text{III}}(\text{SO}_4)_2$  | b 3386 |
| $\text{FeMn}_4(\text{OH})_{11}$  | b 1678 | $\text{NH}_4\text{Fe}^{\text{II}}(\text{SO}_4)_2 \cdot 3\text{H}_2\text{O}$                                   | b 3649 |
| $(\text{Fe}_{2/3}\text{Mn}_{1/3})\text{O}(\text{OH})$  | b 1795 | $\text{NH}_4\text{Fe}^{\text{III}}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O} (\text{I})$                      | b 3650 |
| <b>Fe-H-Mn-O-P</b>   |        | $(\text{NH}_4)_2\text{Fe}_2^{\text{II}}(\text{SO}_4)_3$   | b 3384 |
| $(\text{Fe}, \text{Mn})_2\text{PO}_4(\text{OH})$   | c 2311 | $(\text{NH}_4)\text{Fe}_3(\text{SO}_4)_2(\text{OH})_6$  | b 3818 |
| $(\text{Fe}^{\text{II}}, \text{Mn})\text{Fe}_4^{\text{III}}(\text{PO}_4)_3(\text{OH})_5$                         | c 2313 | $(\text{NH}_4)_2\text{Fe}_3^{\text{II}}\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$ | b 3648 |
| $(\text{Fe}^{\text{II}}, \text{Mn}^{\text{II}})\text{Fe}_2^{\text{III}}(\text{PO}_4)_2(\text{OH})_2$             | c 2312 | <b>Fe-H-N-O-Se</b>  |        |
| $(\text{Mn}, \text{Fe})_5\text{H}_2(\text{PO}_4)_4 \cdot 4\text{H}_2\text{O}$                                    | c 2205 | $\text{NH}_4\text{Fe}(\text{SeO}_4)_2$  | b 4322 |
| $(\text{Mn}, \text{Fe})_3(\text{PO}_4)_2 \cdot 3\text{H}_2\text{O}$  | c 2203 | <b>Fe-H-N-O-&amp;</b>   |        |
| $(\text{Mn}, \text{Fe})_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$  | c 2204 | $(\text{NH}_4)_2\text{Sr}[\text{Fe}(\text{NO}_2)_6]$  | c 712  |
| $\text{MnFe}_2(\text{PO}_4)_2(\text{OH})_2 \cdot \text{H}_2\text{O}$   | c 2354 | <b>Fe-H-Na-Nb-0-Ti</b>  |        |
| $\text{MnFe}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O} (\text{I})$                                 | c 2356 | $\text{NaFe}^{\text{III}}(\text{Nb}, \text{Ti})_3\text{O}_7(\text{O}, \text{OH})_2$                           | e 1295 |
| $\text{MnFe}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O} (\text{II})$                                | c 2357 | <b>Fe-H-Na-0</b>  |        |
| $\text{MnFe}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O} (\text{III})$                               | c 2358 | $4\text{Fe}_2\text{O}_3 \cdot 1,4\text{Na}_2\text{O} \cdot 4 \dots 6\text{H}_2\text{O}$                       | f 3644 |
| $\text{MnFe}_2^{\text{III}}(\text{PO}_4)_2(\text{OH})_2 \cdot 6\text{H}_2\text{O}$                               | c 2355 | <b>Fe-H-Na-O-P</b>  |        |
| $\text{Mn}^{\text{II}}\text{Fe}_4^{\text{III}}(\text{PO}_4)_3(\text{OH})_5$                                      | c 2313 | $\text{NaFe}_3(\text{PO}_4)_2(\text{OH})_4 \cdot 2\text{H}_2\text{O}$   | c 2342 |
| $\text{Mn}_3\text{Fe}_3(\text{PO}_4)_4(\text{OH})_3 \cdot 7\text{H}_2\text{O}$                                   | c 2359 | $\text{Na}_4\text{Fe}_5\text{H}_8(\text{PO}_4)_9 \cdot \approx 10\text{H}_2\text{O}$                          | c 2193 |
| $[\text{Mn}^{\text{II}}_{1-x}\text{Fe}^{\text{III}}(\text{OH})]_x(\text{PO}_4)_2 \cdot$                          |        | $\text{Na}_{1-x}\text{Fe}_{1-y}\text{H}_{x+3y}\text{P}_2\text{O}_7$   | c 2003 |
| $(3-3x)\text{H}_2\text{O}$   | c 2360 | <b>Fe-H-Na-O-S</b>  |        |
| <b>Fe-H-Mn-0-P-Zn</b>  |        | $\text{NaFe}_3(\text{SO}_4)_2(\text{OH})_6$   | b 3814 |
| $(\text{Fe}^{\text{II}}, \text{Mn}^{\text{II}})(\text{Fe}_{4-y}^{\text{III}}, \text{Zn}_y)(\text{PO}_4)_3 \cdot$ |        | $\text{Na}_2\text{Fe}(\text{SO}_4)_2 \cdot 1,5\text{H}_2\text{O}$   | b 3907 |
| $(\text{OH})_{5-y} \cdot y\text{H}_2\text{O}$  | c 2309 | $\text{Na}_2\text{Fe}(\text{SO}_4)_2(\text{OH}) \cdot 3\text{H}_2\text{O}$                                    | b 3907 |
| $\text{Zn}_2(\text{Fe}, \text{Mn})(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$                                     | c 2200 | $\text{Na}_2\text{Fe}^{\text{II}}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$                                   | b 3641 |
| <b>Fe-H-Mn-0-Pb-V</b>  |        | $\text{Na}_3\text{Fe}^{\text{III}}(\text{SO}_4)_3 \cdot 3\text{H}_2\text{O}$                                  | b 3642 |
| $\text{Pb}_2(\text{Mn}, \text{Fe})(\text{VO}_4)_2 \cdot \text{H}_2\text{O}$                                      | e 1962 | <b>Fe-H-Na-O-Se</b>   |        |
| <b>Fe-H-Mn-0-Rb-S</b>  |        | $\text{Na}_2\text{Fe}(\text{SeO}_4)_2 \cdot 2\text{H}_2\text{O}$  | b 4385 |
| $\text{Rb}_2\text{Mn}_5\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$                    | b 3678 | <b>Fe-H-Na-0-Si-Ti</b>  |        |
| <b>Fe-H-Mn-0-S-Tl</b>  |        | $\text{Na}_2(\text{Ti}, \text{Fe})[(\text{Si}_4\text{O}_{10})(\text{O}, \text{OH})]$                          | d 775  |
| $\text{Tl}_2\text{Mn}_5\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$                    | b 3680 | <b>Fe-H-Na-0-Te-Zn</b>  |        |
| <b>Fe-H-Mn-0-S-Zn</b>  |        | $\text{Na}_x\text{H}_{2-x}\{(\text{Zn}, \text{Fe})_2(\text{TeO}_3)_3\} \cdot$                                 |        |
| $(\text{Zn}, \text{Fe}, \text{Mn})\text{Fe}_4^{\text{III}}(\text{SO}_4)_3(\text{OH}) \cdot$                      |        | $y\text{H}_2\text{O}$   | b 4609 |
| $18\text{H}_2\text{O}$   | b 3924 | $(\text{Zn}, \text{Fe})_2(\text{TeO}_3)_3 \cdot (\text{Na}_x\text{H}_{2-x} \cdot$                             |        |
| <b>Fe-H-Mn-0-Si</b>  |        | $y\text{H}_2\text{O})$  | b 4609 |
| $\text{Mn}_{0,61}\text{Fe}_{11,39}\text{Si}_8(\text{O}, \text{OH})_{32}$   | d 1877 | <b>Fe-H-Nd-0-Si</b>   |        |
| $(\text{Mn}, \text{Fe})_9[\text{Si}_{12}\text{O}_{30}(\text{OH})_6] \cdot 10\text{H}_2\text{O}$                  | d 2328 | $\text{Fe}_2\text{Nd}_7[\text{Si}_6\text{O}_{23}(\text{OH})_3]$   | d 1962 |
| $\text{Mn}_4\text{Fe}_4[\text{Si}_{12}\text{O}_{30}(\text{OH})_6] \cdot 8\text{H}_2\text{O}$                     | d 2328 | $\text{Fe}_2\text{Nd}_8\text{Si}_7\text{O}_{28} \cdot 3\text{H}_2\text{O}$                                    | d 1962 |

## 2 Alphabetical formula index

**Fe - H - Ni - O**

- 4(Ni,Fe)(OH)<sub>2</sub> · (Ni,Fe)O(OH) b 1807  
 NiFe<sub>2</sub>O<sub>4</sub> · xH<sub>2</sub>O f 3650  
 Ni<sub>1/3</sub>Fe<sub>2/3</sub>O<sub>2/3</sub>(OH)<sub>4/3</sub> b 1806  
 Ni<sub>1/3</sub>Fe<sub>2/3</sub>O<sub>4(1-x)/3</sub>(OH)<sub>8x/3</sub> b 1807

**Fe - H - O**

- Fe(OH)<sub>2</sub> b 1675  
 Fe(OH)<sub>3</sub> b 1676  
 4Fe(OH)<sub>2</sub> · FeO(OH) b 2314  
 FeO(OH) (I) b 1784  
 FeO(OH) (II) b 1785  
 FeO(OH) (III) b 1786  
 FeO(OH) (IV) b 1787  
 FeO(OH) (V) b 1788  
 FeO(OH) (VI) b 1789  
 FeO<sub>(3-x)/2</sub>(OH)<sub>x</sub> b 1595  
 Fe<sub>2</sub>O<sub>3</sub> · xH<sub>2</sub>O b 1595  
 Fe<sub>2</sub>O<sub>3</sub> · 2FeO · H<sub>2</sub>O b 1792  
 Fe<sub>5</sub>HO<sub>8</sub> · 4H<sub>2</sub>O b 1596  
 Fe<sub>5</sub>O(OH)<sub>9</sub> (I) b 1790  
 Fe<sub>5</sub>O(OH)<sub>9</sub> (II) b 1791  
 Fe<sub>5</sub>O(OH)<sub>9</sub> (III) b 1792  
 [(OH)<sub>2</sub>H<sub>2</sub>O]<sub><2</sub>Fe<sub>8</sub>(O,OH)<sub>16</sub> b 1786

**Fe - H - O - P**

- Fe<sub>0,5</sub>Fe<sub>2,5</sub>(OH)<sub>2,5</sub>(PO<sub>4</sub>)<sub>2</sub> · 3H<sub>2</sub>O c 2340  
 Fe(H<sub>2</sub>PO<sub>4</sub>)<sub>3</sub> c 1999  
 FePO<sub>4</sub> · 2H<sub>2</sub>O (I) c 2189  
 FePO<sub>4</sub> · 2H<sub>2</sub>O (II) c 2190  
 FePO<sub>4</sub> · 3H<sub>2</sub>O c 2191  
 Fe<sup>II</sup>Fe<sup>III</sup>(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>2</sub> c 2305  
 Fe<sup>II</sup>Fe<sup>III</sup>(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>2</sub> c 2312  
 Fe<sup>II</sup>Fe<sup>III</sup>(PO<sub>4</sub>)<sub>3</sub>(OH)<sub>5</sub> c 2313  
 Fe<sub>3</sub>H<sub>15</sub>(PO<sub>4</sub>)<sub>8</sub> · 5H<sub>2</sub>O c 2192  
 Fe<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> · 4H<sub>2</sub>O c 2187  
 Fe<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> · 8H<sub>2</sub>O c 2188  
 Fe<sub>3</sub><sup>II</sup>Fe<sub>6</sub><sup>III</sup>(PO<sub>4</sub>)<sub>4</sub>(OH)<sub>12</sub> c 2303  
 Fe<sub>3</sub><sup>II</sup>(PO<sub>4</sub>)<sub>2</sub> · 3H<sub>2</sub>O c 2203  
 Fe<sub>3</sub><sup>III</sup>(OH)<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> c 2354  
 Fe<sub>3</sub><sup>III</sup>(OH)<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> · 2,5H<sub>2</sub>O c 2340  
 Fe<sub>3,5</sub>(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>2</sub> c 2304  
 Fe<sub>4</sub><sup>III</sup>(PO<sub>4</sub>)<sub>3</sub>(OH)<sub>3</sub> · 12H<sub>2</sub>O c 2341  
 Fe<sub>9</sub>(PO<sub>4</sub>)<sub>4</sub>(OH)<sub>15</sub> · 18H<sub>2</sub>O c 2341  
 Fe<sub>9</sub><sup>III</sup>(PO<sub>4</sub>)<sub>4</sub>(OH)<sub>15</sub> c 2306  
 Fe<sub>x</sub>(PO<sub>4</sub>)<sub>y</sub>(OH)<sub>z</sub> · nH<sub>2</sub>O c 2339  
 Fe<sub>3-x</sub>Fe<sub>x</sub><sup>III</sup>(PO<sub>4</sub>)<sub>2</sub>[(8-x)H<sub>2</sub>O · x(OH)] c 2188

**Fe - H - O - P - Pb - S**

- Fe<sub>3</sub>PbPO<sub>4</sub>SO<sub>4</sub>(OH)<sub>6</sub> c 2408

**Fe - H - O - P - Pb - Sr**

- (Sr,Pb)Fe<sub>3</sub>H(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub> c 2310  
 (Sr,Pb)Fe<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>5</sub> · H<sub>2</sub>O c 2310

**Fe - H - O - P - S**

- Fe<sub>2</sub>PO<sub>4</sub>SO<sub>4</sub>(OH) · 5H<sub>2</sub>O c 2413

**Fe - H - O - P - U**

- Fe(UO<sub>2</sub>)<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub> · 8H<sub>2</sub>O c 2202

**Fe - H - O - P - Zn**

- ZnFe<sub>4</sub>(PO<sub>4</sub>)<sub>3</sub>(OH)<sub>5</sub> c 2309  
 Zn<sub>2</sub>Fe(PO<sub>4</sub>)<sub>2</sub> · 4H<sub>2</sub>O c 2200

**Fe - H - O - Pb - S**

- Pb[Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub>]<sub>2</sub> b 3821  
 [Pb<sub>x</sub>(H<sub>3</sub>O)<sub>2-2x</sub>][Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub>]<sub>2</sub> b 3 8 2 2

**Fe - H - O - Pb - V**

- PbFe<sub>2</sub>[(VO<sub>4</sub>)(OH)]<sub>2</sub> e 1990

**Fe - H - O - Rb - S**

- RbFe<sup>III</sup>(SO<sub>4</sub>)<sub>2</sub> · 12H<sub>2</sub>O b 3654  
 Rb<sub>2</sub>Fe<sup>II</sup>(SO<sub>4</sub>)<sub>2</sub> · 6H<sub>2</sub>O b 3652  
 Rb<sub>2</sub>Fe<sup>II</sup>Fe<sup>III</sup>(SO<sub>4</sub>)<sub>12</sub> · 18H<sub>2</sub>O b 3653

**Fe - H - O - Rb - S - Zn**

- Rb<sub>2</sub>Zn<sub>5</sub>Fe<sub>4</sub>(SO<sub>4</sub>)<sub>12</sub> · 18H<sub>2</sub>O b 3663

**Fe - H - O - S**

- [Fe(H<sub>2</sub>O)<sub>4</sub>(SO<sub>4</sub>)<sub>2</sub>][Fe(H<sub>2</sub>O)<sub>5</sub>SO<sub>4</sub>] · 1...2H<sub>2</sub>O b 3639  
 FeSO<sub>3</sub> · 3H<sub>2</sub>O b 3141  
 Fe(SO<sub>4</sub>)(OH) · 1,5H<sub>2</sub>O b 3905  
 FeSO<sub>4</sub>(OH) · 2H<sub>2</sub>O (I) b 3903  
 FeSO<sub>4</sub>(OH) · 2H<sub>2</sub>O (II) b 3904  
 Fe(SO<sub>4</sub>)(OH) · 3H<sub>2</sub>O b 3856  
 FeSO<sub>4</sub>(OH) · 3,5H<sub>2</sub>O b 3905  
 FeSO<sub>4</sub>(OH) · 5H<sub>2</sub>O b 3906  
 Fe<sup>II</sup>Fe<sup>III</sup>(SO<sub>4</sub>)<sub>4</sub> · 14H<sub>2</sub>O b 3635  
 Fe<sup>II</sup>SO<sub>4</sub> · H<sub>2</sub>O b 3629  
 Fe<sup>II</sup>SO<sub>4</sub> · 4H<sub>2</sub>O b 3630  
 Fe<sup>II</sup>SO<sub>4</sub> · 5H<sub>2</sub>O b 3631  
 Fe<sup>II</sup>SO<sub>4</sub> · 6H<sub>2</sub>O b 3632  
 Fe<sup>II</sup>SO<sub>4</sub> · 7H<sub>2</sub>O (I) b 3633  
 Fe<sup>II</sup>SO<sub>4</sub> · 7H<sub>2</sub>O (II) b 3634  
 Fe<sup>III</sup>SO<sub>4</sub>(OH) b 3812  
 Fe<sub>2</sub>O(SO<sub>4</sub>)<sub>2</sub> · 7H<sub>2</sub>O b 3856  
 3Fe<sub>2</sub>O<sub>3</sub> · 4SO<sub>3</sub> · 9H<sub>2</sub>O b 3813

- Fe<sub>2</sub>(SO<sub>4</sub>)<sub>2</sub> · 7H<sub>2</sub>O b 3905

- Fe<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> · 10H<sub>2</sub>O b 3639

- Fe<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> · nH<sub>2</sub>O b 3636

- Fe<sub>2</sub><sup>III</sup>(SO<sub>4</sub>)<sub>3</sub> · 7,25H<sub>2</sub>O b 3636

- Fe<sub>2</sub><sup>III</sup>(SO<sub>4</sub>)<sub>3</sub> · 9H<sub>2</sub>O (I) b 3637

- Fe<sub>2</sub><sup>III</sup>(SO<sub>4</sub>)<sub>3</sub> · 9H<sub>2</sub>O (II) b 3638

- Fe<sub>2</sub><sup>III</sup>(SO<sub>4</sub>)<sub>3</sub> · 11H<sub>2</sub>O b 3639

- Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>5</sub> · H<sub>2</sub>O b 3813

- Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>5</sub> · 2H<sub>2</sub>O b 3813

- Fe<sub>5</sub><sup>II</sup>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub> b 3811

- HFe(SO<sub>4</sub>)<sub>2</sub> · 4H<sub>2</sub>O b 3640

- (H<sub>3</sub>O)Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub> b 3813

**Fe - H - O - S - Te**

- Fe<sub>2</sub>[(TeO<sub>3</sub>)<sub>2</sub>(SO<sub>4</sub>)] · 3H<sub>2</sub>O b 4619

## 2 Alphabetisches Formelverzeichnis

|  |        |  |  |        |
|--|--------|--|--|--------|
| <b>Fe-H-O-S-Ti</b>   |        |  | <b>Fe-H-O-V</b>  |        |
| $\text{TiFe}^{\text{III}}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$                                       | b 3672 |  | $\text{FeVO}_4 \cdot \text{H}_2\text{O}$                                       | e 1959 |
| $\text{Ti}_2\text{Fe}^{\text{II}}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$                                | b 3670 |  | $\text{Fe}[\text{VO}_4] \cdot \text{H}_2\text{O}$                              | e 1960 |
| $\text{Ti}_2\text{Fe}_5^{\text{II}}\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$  | b 3671 |  | $\text{FeVO}_4 \cdot 1,25\text{H}_2\text{O}$                                   | e 1960 |
| <b>Fe-H-O-S-II-Zn</b>  |        |  | $(\text{V},\text{Fe})\text{O}(\text{OH})$                                      | b 1766 |
| $\text{Ti}_2\text{Zn}_5\text{Fe}_4^{\text{III}}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$              | b 3673 |  | <b>Fe-H-O-Zn</b>   |        |
| <b>Fe-H-O-S-Zn</b>   |        |  | $\text{ZnFe}_2\text{O}_4 \cdot x\text{H}_2\text{O}$                            | f 3648 |
| $(\text{Fe}^{\text{II}},\text{Zn})\text{Fe}_2^{\text{III}}(\text{SO}_4)_4 \cdot 14\text{H}_2\text{O}$      | b 3635 |  | <b>Fe-Hg-K-N-O</b>   |        |
| $(\text{Zn},\text{Fe})\text{SO}_4 \cdot 6\text{H}_2\text{O}$   | b 3661 |  | $\text{K}_2\text{Hg}[\text{Fe}(\text{NO}_2)_6]$                                | c 717  |
| <b>Fe-H-O-Sb-Si</b>  |        |  | <b>Fe-Ho-La-O</b>  |        |
| $\text{Fe}_2\text{Sb}[(\text{SiO}_4)_2(\text{OH})]$  | d 1982 |  | $\text{Ho}_{3-x}\text{La}_x\text{Fe}_5\text{O}_{12}$                           | f 3303 |
| <b>Fe-H-O-Sb-Ti</b>  |        |  | <b>Fe-Ho-Mn-O</b>  |        |
| $\text{Fe}_3^{\text{II}}\text{Ti}_3\text{SbO}_{11}(\text{OH})$   | c 3254 |  | $\text{HoMn}_x\text{Fe}_{1-x}\text{O}_3$                                       | f 3517 |
| <b>Fe-H-O-Sc-Sr</b>  |        |  | <b>Fe-Ho-Nd-O</b>  |        |
| $\text{Sr}_3\text{ScFe}(\text{OH})_{12}$   | f 3656 |  | $\text{Ho}_{-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$                            | f 3305 |
| <b>Fe-H-O-Se</b>   |        |  | <b>Fe-Ho-O</b>   |        |
| $\text{HFe}(\text{SeO}_3)_2$   | b 4248 |  | $\text{HoFeO}_3$   | f 3300 |
| <b>Fe-H-O-Se-Te</b>  |        |  |  | f 3517 |
| $\text{Fe}_2[(\text{TeO}_3)_2(\text{SeO}_4)] \cdot 3\text{H}_2\text{O}$                                    | b 4620 |  | $\text{Ho}_3\text{Fe}_5\text{O}_{12}$  | f 3301 |
| <b>Fe-H-O-Si</b>   |        |  | <b>Fe-Ho-O-h</b>   |        |
| $(\text{Fe}^{\text{II}},\text{Fe}^{\text{III}})_{<6}[(\text{Si}_4\text{O}_{10})(\text{OH})_8]$             | d 1879 |  | $\text{Ho}_{-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$                            | f 3304 |
| $\text{Fe}_3^{\text{III}}[(\text{Fe}^{\text{III}},\text{Si})_2\text{O}_4(\text{OH})_5]$                    | d 1878 |  | <b>Fe-Ho-O-Sb</b>  |        |
| $\text{Fe}_6^{\text{II}}\text{Fe}_3^{\text{III}}[\text{Si}_6\text{O}_{20}(\text{OH})_5]$                   | d 1877 |  | $\text{Ho}_2\text{FeSbO}_7$  | c 3179 |
| $\text{Fe}_7^{\text{II}}[\text{Si}_4\text{O}_{11}(\text{OH})_2]$   | d 1886 |  | <b>Fe-Ho-O-Sm</b>  |        |
| $\text{Fe}_8[\text{Si}_2\text{O}_{10}(\text{OH})_8]$   | d 1878 |  | $\text{Ho}_{-x}\text{Sm}_x\text{Fe}_5\text{O}_{12}$                            | f 3306 |
| <b>Fe-H-O-Si-Sm</b>  |        |  | <b>Fe-Ho-O-Y</b>   |        |
| $\text{Fe}_2\text{Sm}_7[\text{Si}_6\text{O}_{23}(\text{OH})_3]$  | d 1963 |  | $\text{Ho}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$                            | f 3302 |
| $\text{Fe}_2\text{Sm}_8\text{Si}_7\text{O}_{28} \cdot 3\text{H}_2\text{O}$                                 | d 1963 |  | <b>Fe-In-Li-O</b>  |        |
| <b>Fe-H-O-Si-Sr</b>  |        |  | $\text{Li}_{0,6}\text{In}_{2,5-x}\text{Fe}_{2,5(1-x)}\text{O}_4$               | f 3185 |
| $\text{Sr}_3\text{Fe}_2[(\text{SiO}_4)_{3-x}(\text{OH})_{4x}]$   | d 1903 |  | <b>Fe-In-Mg-O</b>  |        |
| <b>Fe-H-O-Si-W</b>   |        |  | $\text{MgFe}_{2-x}\text{In}_x\text{O}_4$                                       | d 8350 |
| $\text{Fe}_{2,5}^{\text{III}}[\text{SiW}_{12}\text{O}_{40}](\text{OH})_{3,5} \cdot 24,5\text{H}_2\text{O}$ | f 2275 |  | <b>Fe-In-Mn-O</b>  |        |
| $\text{HFe}^{\text{III}}[\text{SiW}_{12}\text{O}_{40}] \cdot 20\text{H}_2\text{O}$                         | f 2276 |  | $\text{MnFe}_{2-x}\text{In}_x\text{O}_4$                                       | d 8353 |
| $\text{HFe}^{\text{III}}[\text{SiW}_{12}\text{O}_{40}] \cdot 24\text{H}_2\text{O}$                         | f 2277 |  | <b>Fe-In-N</b>   |        |
| $\text{HFe}^{\text{III}}[\text{SiW}_{12}\text{O}_{40}] \cdot 28\text{H}_2\text{O}$                         | f 2278 |  | $\text{InFe}_3\text{N}$  | c 409  |
| $\text{HFe}^{\text{III}}[\text{SiW}_{12}\text{O}_{40}] \cdot 30\text{H}_2\text{O}$                         | f 2279 |  | <b>Fe-In-Na-O-Si</b>   |        |
| $\text{HFe}_5[\text{Si}_2\text{W}_{24}\text{O}_{84}] \cdot 52\text{H}_2\text{O}$                           | f 2275 |  | $\text{Na}(\text{In}_{1-x}\text{Fe}_x)\text{Si}_2\text{O}_6$                   | d 1001 |
| <b>Fe-H-O-Sn</b>   |        |  | <b>Fe-In-Ni-O</b>  |        |
| $(\text{Fe},\text{Sn})(\text{O},\text{OH})_2$  | b 1794 |  | $\text{NiIn}_x\text{Fe}_{2-x}\text{O}_4$                                       | f 3625 |
| $\text{Fe}^{\text{II}}\text{Sn}(\text{OH})_6$  | d 3271 |  | <b>Fe-In-O</b>   |        |
| $\text{Fe}^{\text{III}}\text{SnO}(\text{OH})_5$  | d 3272 |  | $\text{Fe}_x\text{In}_{2-x}\text{O}_3$ (I)                                     | b 1377 |
| <b>Fe-H-O-Sr</b>   |        |  | $\text{Fe}_x\text{In}_{2-x}\text{O}_3$ (II)                                    | b 1378 |
| $\text{Sr}_3\text{Fe}_2(\text{OH})_{12}$   | f 3653 |  | $\text{Fe}_{-x}\text{In}_x\text{O}_4$  | d 8349 |
| <b>Fe-H-O-Te</b>   |        |  | <b>Fe-In-O-Pb-Si</b>   |        |
| $\text{Fe}[\text{Te}_2\text{O}_5](\text{OH})$  | b 4614 |  | $\text{Pb}_2(\text{In}_{1-x}\text{Fe}_x)_2[(\text{Si}_2\text{O}_7)\text{O}_2]$ | d 1027 |
| $\text{Fe}^{\text{III}}\text{TeO}_3(\text{OH}) \cdot \text{H}_2\text{O}$                                   | b 4618 |  | <b>Fe-In-O-Y</b>   |        |
| $\{\text{Fe}_2[\text{TeO}_3]_3 \cdot \text{H}_2\text{O}\} \cdot x\text{H}_2\text{O}$                       | b 4608 |  | $\text{Y}_3\text{Fe}_{5-x}\text{In}_x\text{O}_{12}$                            | d 8351 |
| $\text{Fe}_2(\text{TeO}_3)_3 \cdot x\text{H}_2\text{O}$  | b 4614 |  | $\text{Y}_3\text{In}_x\text{Fe}_{5-x}\text{O}_{12}$                            | f 3203 |
| <b>Fe-H-O-Ti</b>   |        |  | <b>Fe-Ir-La-O-Sr</b>   |        |
| $\text{Fe}_2(\text{TiO}_3)_3 \cdot 0,6\text{H}_2\text{O}$  | e 1259 |  | $\text{SrLaFeIrO}_6$   | f 4038 |
|  |        |  | <b>Fe-J</b>  |        |
|  |        |  | $\text{FeJ}_2$   | a 3666 |

## 2 Alphabetical formula index

|   |   |       |  |   |
|---|---|-------|--|---|
| <b>Fe - J - N - O</b>   |   |       | <b>Fe - K - 0 - Ti</b>   |   |
| [FeJ(NO) <sub>2</sub> ] <sub>2</sub>  | c | 1091  | K <sub>2</sub> Fe <sub>2</sub> Ti <sub>6</sub> O <sub>16</sub>   | e |
| <b>Fe - J - O</b>   |   |       | K <sub>1-x</sub> Fe <sub>1-x</sub> Ti <sub>x</sub> O <sub>2</sub>  | e |
| Fe(JO <sub>3</sub> ) <sub>3</sub>   | b | 2688  | <b>Fe - K - O - W</b>  |   |
| <b>Fe - K - La - O</b>  |   |       | KFe <sub>0,333</sub> W <sub>1,667</sub> O <sub>6</sub>   | f |
| K <sub>0,5</sub> La <sub>0,5</sub> Fe <sub>12</sub> O <sub>19</sub>   | f | 3209  | KFe(WO <sub>4</sub> ) <sub>2</sub>   | f |
| <b>Fe - K - Li - Mg - Mn - Na - O - Si - Ti</b>   |   |       | <b>Fe - La - Lu - 0</b>  |   |
| KNa <sub>2</sub> Li(Mg,Mn,Fe) <sub>2</sub> Ti <sub>2</sub> ·  |   |       | Lu <sub>3-x</sub> La <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub>  | f |
| [(Si <sub>4</sub> O <sub>11</sub> )O] <sub>2</sub>  | d | 1097A | <b>Fe - La - Mg - 0</b>  |   |
| <b>Fe - K - Li - 0</b>  |   |       | MgLaFeO <sub>4</sub>   | f |
| Li <sub>1-x</sub> K <sub>x</sub> Fe <sub>5</sub> O <sub>8</sub>   | f | 2977  | <b>Fe - La - Mn - 0</b>  |   |
| <b>Fe - K - Mg - Na - 0 - Si</b>  |   |       | LaMn <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> (I)   | f |
| (K,Na) <sub>2</sub> Fe <sub>2</sub> <sup>II</sup> (Fe <sup>II</sup> ,Mg) <sub>3</sub> [Si <sub>12</sub> O <sub>30</sub> ] | d | 952   | LaMn <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> (II)  | f |
| (K,Na) <sub>2</sub> Mg <sub>2</sub> (Mg,Fe <sup>II</sup> ) <sub>3</sub> [Si <sub>12</sub> O <sub>30</sub> ]               | d | 951   | <b>Fe - La - Na - 0</b>  |   |
| <b>Fe - K - Mn - Na - Nb - 0 - Ti</b>   |   |       | Na <sub>0,5</sub> La <sub>0,5</sub> Fe <sub>12</sub> O <sub>19</sub>   | f |
| (K,Na)(Mn,Nb,Fe,Ti) <sub>4</sub> O <sub>8</sub>   | e | 1295  | <b>Fe - La - Nb - 0 - Pb</b>   |   |
| <b>Fe - K - Mn - Na - 0 - Si</b>  |   |       | (La <sub>2</sub> Fe <sub>2</sub> O <sub>6</sub> ) <sub>x</sub> (PbNb <sub>2</sub> O <sub>6</sub> ) <sub>1-x</sub>            | e |
| KNa(Mn,Fe)Si <sub>4</sub> O <sub>10</sub>   | d | 942   | <b>Fe - La - Ni - 0</b>  |   |
| <b>Fe - K - Mn - 0 - Si - Zn</b>  |   |       | LaFe <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (I)   | f |
| K(Zn,Mn) <sub>3</sub> (Mn,Fe) <sub>2</sub> [Si <sub>12</sub> O <sub>30</sub> ]  | d | 1076  | LaFe <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (II)  | f |
| <b>Fe - K - MO - 0</b>  |   |       | <b>Fe - La - O</b>   |   |
| KFe(MoO <sub>4</sub> ) <sub>2</sub>   | f | 1017  | LaFeO <sub>3</sub>   | f |
| <b>Fe - K - N - 0 - Pb</b>  |   |       |  | f |
| K <sub>2</sub> Pb[Fe(NO <sub>2</sub> ) <sub>6</sub> ]   | c | 723   | LaFe <sub>12</sub> O <sub>19</sub>   | f |
| <b>Fe - K - N - 0 - Sr</b>  |   |       |  | f |
| K <sub>2</sub> Sr[Fe(NO <sub>2</sub> ) <sub>6</sub> ]   | c | 711   | La <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub>  | f |
| <b>Fe - K - Na - 0 - Si</b>   |   |       |  | f |
| KNaFe <sup>II</sup> Si <sub>4</sub> O <sub>10</sub>   | d | 942   | <b>Fe - La - 0 - Pb</b>  |   |
| <b>Fe - K - O</b>   |   |       | La <sub>4</sub> Pb <sub>10</sub> Fe <sub>2</sub> O <sub>19</sub>   | f |
| KFeO <sub>2</sub>   | f | 2972  | <b>Fe - La - 0 - Pb - Ti</b>   |   |
| KFe <sub>5</sub> O <sub>8</sub>   | f | 2974  | (LaFeO <sub>3</sub> ) <sub>x</sub> (PbTiO <sub>3</sub> ) <sub>1-x</sub> (I)  | e |
| K <sub>2</sub> FeO <sub>4</sub>   | f | 2976  | (LaFeO <sub>3</sub> ) <sub>x</sub> (PbTiO <sub>3</sub> ) <sub>1-x</sub> (I')   | e |
| K <sub>2</sub> Fe <sub>4</sub> O <sub>7</sub>   | f | 2973  | (LaFeO <sub>3</sub> ) <sub>x</sub> (PbTiO <sub>3</sub> ) <sub>1-x</sub> (II)   | e |
| K <sub>2</sub> Fe <sub>14</sub> O <sub>22</sub>   | f | 2975  | (LaFeO <sub>3</sub> ) <sub>x</sub> (PbTiO <sub>3</sub> ) <sub>1-x</sub> (III)  | e |
| K <sub>2</sub> Fe <sub>22</sub> O <sub>34</sub>   | f | 2975  | <b>Fe - La - 0 - Pb - Ti - Zr</b>  |   |
| <b>Fe - K - O - P</b>   |   |       | (La <sub>x</sub> Pb <sub>1-x</sub> )[Fe <sub>x</sub> (Ti <sub>1-y</sub> Zr <sub>y</sub> ) <sub>1-x</sub> ]O <sub>3</sub> (I) | e |
| KFeP <sub>2</sub> O <sub>7</sub>  | c | 2004  | (La <sub>x</sub> Pb <sub>1-x</sub> )[Fe <sub>x</sub> (Ti <sub>1-y</sub> Zr <sub>y</sub> ) <sub>1-x</sub> ]O <sub>3</sub>     |   |
| <b>Fe - K - O - P - &amp;</b>   |   |       | (II)   | e |
| SrKFe <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub>  | c | 2011  | (La <sub>x</sub> Pb <sub>1-x</sub> )[Fe <sub>x</sub> (Ti <sub>1-y</sub> Zr <sub>y</sub> ) <sub>1-x</sub> ]O <sub>3</sub>     |   |
| <b>Fe - K - O - S</b>   |   |       | (III)  | e |
| KFe <sup>III</sup> (SO <sub>4</sub> ) <sub>2</sub>  | b | 3383  | (La <sub>x</sub> Pb <sub>1-x</sub> )[Fe <sub>x</sub> (Ti <sub>1-y</sub> Zr <sub>y</sub> ) <sub>1-x</sub> ]O <sub>3</sub>     |   |
| K <sub>2</sub> Fe <sup>II</sup> (SO <sub>4</sub> ) <sub>3</sub>   | b | 3381  | (IV)   | e |
| K <sub>2</sub> (SO <sub>4</sub> ) <sub>x</sub> (FeO <sub>4</sub> ) <sub>y</sub>   | f | 3701  | <b>Fe - La - 0 - Rb</b>  |   |
| K <sub>3</sub> Fe <sup>III</sup> (SO <sub>4</sub> ) <sub>3</sub>  | b | 3382  | Rb <sub>0,5</sub> La <sub>0,5</sub> Fe <sub>12</sub> O <sub>19</sub>   | f |
| <b>Fe - K - 0 - Sb</b>  |   |       | <b>Fe - La - 0 - Sb</b>  |   |
| K <sub>2</sub> Fe <sub>5</sub> Sb <sub>3</sub> O <sub>16</sub>  | c | 3158  | LaFe <sub>0,5</sub> Sb <sub>1,5</sub> O <sub>6</sub>   | c |
| <b>Fe - K - 0 - Si</b>  |   |       | <b>Fe - La - O - SC</b>  |   |
| KFeSi <sub>3</sub> O <sub>8</sub> (I)   | d | 941A  | LaSc <sub>0,1</sub> Fe <sub>0,9</sub> O <sub>3</sub>   | f |
| KFeSi <sub>3</sub> O <sub>8</sub> (II)  | d | 941B  | <b>Fe - La - 0 - Si - Ti</b>   |   |
| KFe <sup>III</sup> Si <sub>2</sub> O <sub>6</sub>   | d | 940   | La <sub>4</sub> Fe <sub>2</sub> Ti <sub>3</sub> Si <sub>4</sub> O <sub>22</sub>  | d |
|   |   |       | <b>Fe - La - 0 - Sn</b>  |   |
|   |   |       | La <sub>6</sub> Fe <sub>2</sub> SnO <sub>14</sub>  | d |

## 2 Alphabetisches Formelverzeichnis

|   |        |   |        |
|---|--------|---|--------|
| <b>Fe-La-O-Sr</b>   |        | <b>Fe-Li-O</b>  |        |
| $\text{Sr}_{0,5}\text{La}_{0,5}\text{FeO}_{3-x}$                                      | f 3216 | $(\text{Fe}_{-x}\text{Li}_x)\text{O}$   | b 1366 |
| $\text{SrLaFeO}_4$  | f 3214 | $\text{Li}_{0,5}\text{Fe}_{0,5}\text{O}$  | b 87   |
| $\text{SrLa}_2\text{Fe}_2\text{O}_7$  | f 3215 | $\text{Li}_{0,5}\text{Fe}_{2,5}\text{O}_4$  | f 3176 |
| <b>Fe-La-O-Sr-Ta</b>  |        |   | f 3185 |
| $\text{SrLaFeTaO}_6$  | e 3396 |   | f 3398 |
| <b>Fe-La-O-Sr-Ti</b>  |        |   | f 3436 |
| $\text{SrLaFeTiO}_6$  | e 1161 | $\text{LiFeO}$ , (I)  | f 2957 |
| $\text{Sr}_{-x}\text{La}_x\text{Fe}_x\text{Ti}_{1-x}\text{O}_3$                       | e 1160 | $\text{LiFeO}$ , (II)   | f 2958 |
| <b>Fe-La-O-Te</b>   |        | $\text{LiFeO}$ , (III)  | f 2959 |
| $\text{LaFeTeO}_6$  | b 4788 | $\text{LiFe}_5\text{O}_8$   | f 3190 |
| <b>Fe-La-O-Ti</b>   |        | $\text{LiFe}_5\text{O}_8$ (I)   | f 2960 |
| $\text{La}_{0,5}\text{Ti}_{0,5}\text{Fe}_{1,2}\text{O}_{19}$                          | f 3222 | $\text{LiFe}_5\text{O}_8$ (II)  | f 2961 |
| <b>Fe-La-O-Tm</b>   |        | $\text{LiFe}_5\text{O}_8$ (III)   | f 2962 |
| $\text{Tm}_{-x}\text{La}_x\text{Fe}_5\text{O}_{12}$                                   | f 3323 | $\text{LiFe}_5\text{O}_8$ (IV)  | f 2963 |
| <b>Fe-La-O-Y</b>  |        | $\text{Li}_5\text{FeO}_4$ (I)   | f 2955 |
| $\text{La}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$                                   | f 3224 | $\text{Li}_5\text{FeO}_4$ (II)  | f 2956 |
| <b>Fe-La-O-Yb</b>   |        | $\text{Li}_x\text{Fe}_{2-x}\text{Fe}_4\text{O}_8$   | f 2954 |
| $\text{Yb}_{3-x}\text{La}_x\text{Fe}_5\text{O}_{12}$                                  | f 3332 | <b>Fe-Li-O-P</b>  |        |
| <b>Fe-Li-Mg-O</b>   |        | $\text{LiFePO}_4$   | c 2000 |
| $(\text{Fe}_{0,5}\text{Li}_{0,5})_x\text{Mg}_{1-x}\text{O}$                           | b 1369 | <b>Fe-Li-O-Pb-W</b>   |        |
| <b>Fe-Li-Mg-O-Ti</b>  |        | $\text{Pb}(\text{Li}_{0,25}\text{Fe}_{0,25}\text{W}_{0,5})_x(\text{Fe}_{0,667}^{\cdot}$           |        |
| $(\text{Fe}_{1/2-x/2-y/2}\text{Li}_{1/2+x/6-y/2}\text{Ti}_{x/3}^{\cdot}$              |        | $\text{W}_{0,333})_{1-x}\text{O}_3$   | f 2047 |
| $\text{Mg}_y)\text{O}$  | b 1387 | $\text{PbLi}_{0,25}\text{Fe}_{0,25}\text{W}_{0,5}\text{O}_3$                                      | f 2046 |
| $(\text{MgO})_y(\text{LiFeO}_2)_{1-x-y}^{\cdot}$                                      |        | <b>Fe-Li-O-Rh</b>   |        |
| $(\text{Li}_2\text{TiO}_3)_x^{\cdot}$   | b 1387 | $\text{Li}_{0,5}\text{Fe}_{2,5-x}\text{Rh}_x\text{O}_4$   | f 3914 |
| <b>Fe-Li-Mn-O</b>   |        | <b>Fe-Li-O-Sb</b>   |        |
| $(\text{Fe}_{0,25}^{\text{II}}\text{Mn}_{0,25}^{\text{III}}\text{Li}_{0,25}\text{O})$ | b 1424 | $\text{Li}_{0,5+x}\text{Fe}_{2,5-2x}\text{Sb}_x\text{O}_4$  | c 3157 |
| $(\text{Fe}_{0,5}\text{Li}_{0,5})_x(\text{Mn}_{1-x}\text{O})$                         | b 1423 | <b>Fe-Li-O-Sc</b>   |        |
| $\text{Li}_{0,5}\text{Mn}_{2,5x}\text{Fe}_{2,5(1-x)}\text{O}_4$                       | f 3436 | $\text{LiSc}_{5x}\text{Fe}_{5(1-x)}\text{O}_8$  | f 3190 |
| $\text{Li}_{0,5+0,5x}\text{Mn}_x\text{Fe}_{2,5-1,5x}\text{O}_4$                       | f 3435 | <b>Fe-Li-O-Si</b>   |        |
| <b>Fe-Li-Mn-O-P</b>   |        | $\text{LiFeSi}_2\text{O}_6$   | d 937  |
| $\text{Li}_{<1}(\text{Mn}^{\text{II}}\text{Fe}^{\text{III}})\text{PO}_4$              | c 2018 | $\text{Li}_2\text{FeSiO}_4$   | d 936  |
| $\text{Li}(\text{Mn}_x^{\text{II}}\text{Fe}_{1-x}^{\text{III}})\text{PO}_4$           | c 2017 | <b>Fe-Li-O-Sn</b>   |        |
| <b>Fe-Li-Mo-O</b>   |        | $\text{Li}_{0,5-0,833x}\text{Fe}_{2,5-2,5x}^{\text{III}}\text{Sn}_{1,667x}^{\text{IV}}$           |        |
| $\text{LiFe}(\text{MoO}_4)_2$   | f 1016 | $\text{O}_4$  | d 3231 |
| $\text{Li}_2\text{Fe}_2^{\text{II}}(\text{MoO}_4)_3$                                  | f 1014 | <b>Fe-Li-O-Ta</b>   |        |
| $\text{Li}_3\text{Fe}^{\text{III}}(\text{MoO}_4)_3$                                   | f 1015 | $(\text{Fe}_{1/6}\text{Ta}_{1/6}\text{Li}_{2/3})\text{O}$   | b 1402 |
| <b>Fe-Li-N</b>  |        | $\text{Li}_2\text{Fe}_{0,5}\text{Ta}_{0,5}\text{O}_3$   | b 1402 |
| $\text{Li}_3\text{FeN}_2$   | c 403  | <b>Fe-Li-O-Ti</b>   |        |
| <b>Fe-Li-Na-O</b>   |        | $(\text{Fe}_{0,25}\text{Li}_{0,5}\text{Ti}_{0,25}^{\text{III}})\text{O}$                          | b 1385 |
| $\text{Li}_{0,5(1-x)}\text{Na}_{0,5x}\text{Fe}_{2,5}\text{O}_4$                       | f 2971 | $(\text{Fe}_{1/2-x/2}\text{Li}_{1/2+x/6}\text{Ti}_{x/3}^{\text{IV}})\text{O}$                     | b 1386 |
| $\text{Na}_{-x}\text{Li}_x\text{FeO}_2$ (I)   | f 2969 | $(\text{LiFeO})_{-x}(\text{Li}_2\text{TiO}_3)_x^{\cdot}$  | b 1386 |
| $\text{Na}_{-x}\text{Li}_x\text{FeO}_2$ (II)  | f 2970 | $\text{LiFeTiO}_4$  | e 1125 |
| <b>Fe-Li-Na-O-Si</b>  |        | $\text{Li}_2\text{FeTiO}_4$   | b 1385 |
| $\text{Na}_2\text{LiFe}[\text{Si}_2\text{O}_5]_3$                                     | d 939  | $\text{Li}_{0,5+0,5y}\text{Fe}_{2,5-1,5y}\text{Ti}_y\text{O}_4$                                   | e 1124 |
| <b>Fe-Li-Nb-O</b>   |        | $\text{Li}_{0,5+0,833x}\text{Fe}_{2,5(1-x)}^{\text{III}}\text{Ti}_{1,667x}^{\text{IV}}\text{O}_4$ | e 1124 |
| $(\text{Fe}_{1/6}\text{Nb}_{1/6}\text{Li}_{2/3})\text{O}_{1-d}$                       | b 1398 | $\text{Li}_{1+z}\text{Fe}_{1-3z}\text{Ti}_{1+2z}\text{O}_4$                                       | e 1124 |
| $\text{Li}_2\text{Fe}_{0,5}\text{Nb}_{0,5}\text{O}_{3-x}$                             | b 1398 | <b>Fe-Li-O-V</b>  |        |
| <b>Fe-Li-Ni-O</b>   |        | $\text{Li}_{0,5}\text{V}_{2,5x}^{\text{III}}\text{Fe}_{2,5(1-x)}^{\text{III}}\text{O}_4$          | f 3398 |
| $(\text{Ni}_{1-2x}\text{Fe}_x\text{Li}_x)\text{O}$                                    | b 1513 | $\text{Li}_{0,5+0,833x}\text{Fe}_{2,5(1-x)}^{\text{III}}\text{V}_{1,667x}^{\text{IV}}\text{O}_4$  | e 1864 |
|   |        | $\text{Li}_{0,5+1,25x}\text{Fe}_{2,5(1-x)}\text{V}_{1,25x}^{\text{V}}\text{O}_4$                  | e 1865 |

## 2 Alphabetical formula index

|  |   |      |   |        |
|--|---|------|---|--------|
| <b>Fe-Li-O-V-Zn</b>  |   |      | <b>Fe-Mg-Nb-0</b>   |        |
| $\text{Li}_y\text{Zn}_{1-y}\text{Fe}_{1-y}\text{V}_{1+y}\text{O}_4$  | e | 1869 | $\text{MgFeNbO}_5$  | e 2755 |
| <b>Fe-Li-O-W</b>   |   |      | $\text{Mg}_{1+0,667x}\text{Fe}_x^{\text{III}}\text{Nb}_{0,333x}^{\text{V}}\text{O}_4$ | e 2754 |
| $\text{LiFe}(\text{WO}_4)_2$   | f | 2022 | <b>Fe-Mg-Ni-0</b>   |        |
| $\text{Li}_2\text{Fe}(\text{WO}_4)_2$  | f | 2021 | $\text{Mg}_{1-x}\text{Ni}_x\text{Fe}_2\text{O}_4$                                     | f 3601 |
| <b>Fe-Li-O-Zn</b>  |   |      | <b>Fe-Mg-Ni-0-Zn</b>  |        |
| $\text{Li}_{0,5-0,5x}\text{Zn}_x\text{Fe}_{2,5-0,5x}\text{O}_4$  | f | 3052 | $\text{Mg}_y\text{Zn}_{1-x-y}\text{Ni}_x\text{Fe}_2\text{O}_4$                        | f 3620 |
| <b>Fe-Li-P</b>   |   |      | <b>Fe-Mg-0</b>  |        |
| $\text{Li}_{1,05}\text{Fe}_{1,0}\text{P}$  | c | 1340 | $(\text{Fe}_x\text{Mg}_{1-x})\text{O}$  | b 1368 |
| <b>Fe-Lu-Nd-0</b>  |   |      | $\text{MgFe}_2\text{O}_4$   | f 2994 |
| $\text{Lu}_{3-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$   | f | 3342 |   | f 3181 |
| <b>Fe-Lu-0</b>   |   |      |   | f 3193 |
| $\text{LuFeO}_3$   | f | 3338 |   | f 3399 |
| $\text{Lu}_3\text{Fe}_5\text{O}_{12}$  | f | 3339 |   | f 3412 |
| <b>Fe-Lu-0-Pr</b>  |   |      |   | f 3446 |
| $\text{Lu}_{3-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$   | f | 3341 |   | f 3601 |
| <b>Fe-Lu-0-Sb</b>  |   |      |   | f 3918 |
| $\text{Lu}_2\text{FeSbO}_7$  | c | 3182 | $\text{Mg}_{1-x}\text{Fe}_{2+x}\text{O}_4$  | f 2995 |
| <b>Fe-Lu-0-Sm</b>  |   |      | $(\text{MgO})_x(\text{Fe}_3\text{O}_4)_{1-x}$   | f 2993 |
| $\text{Lu}_{1-x}\text{Sm}_x\text{Fe}_5\text{O}_{12}$   | f | 3343 | <b>Fe-Mg-0-Rb</b>   |        |
| <b>Fe-Mg-Mu-Nb-0-Ta</b>  |   |      | $\text{MgFe}_{2-x}\text{Rh}_x\text{O}_4$  | f 3918 |
| $(\text{Mg},\text{Mn},\text{Fe})(\text{Nb},\text{Ta})_2\text{O}_6$   | e | 3419 | <b>Fe-Mg-0-Sb</b>   |        |
| <b>Fe-Mg-Mn-Nb-0-Ta-Ti</b>   |   |      | $\text{Mg}_x\text{Fe}_{1-x}\text{Sb}_2\text{O}_6$                                     | c 3161 |
| $(\text{Mg},\text{Fe},\text{Mn})(\text{Ti},\text{Nb},\text{Ta})_2\text{O}_6$   | e | 3422 | $\text{Mg}_{1+2x}\text{Fe}_{2-3x}\text{Sb}_x\text{O}_4$                               | c 3160 |
| <b>Fe-Mg-Mn-Ni-0</b>   |   |      | <b>Fe-Mg-O-SC</b>   |        |
| $\text{Mg}_x\text{Ni}_y\text{Mn}_{1-x-y}\text{Fe}_2\text{O}_4$   | f | 3640 | $\text{MgSc}_x\text{Fe}_{2-x}\text{O}_4$  | f 3193 |
| <b>Fe-Mg-Mn-0</b>  |   |      | <b>Fe-Mg-0-Si</b>   |        |
| $(\text{Mg},\text{Mn},\text{Fe}^{\text{II}})\text{Fe}_2\text{O}_4$   | f | 3444 | $\text{MgFeSi}_2\text{O}_6$   | d 947  |
| $(\text{Mg},\text{Mn})(\text{Mn},\text{Fe})_2\text{O}_4$   | f | 3445 | $\text{Mg}_3\text{Fe}_2(\text{SiO}_4)_3$  | d 950  |
| $\text{Mg}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$  | f | 3446 | $\text{Mg}_{1-x}\text{Fe}_x\text{SiO}_3$ (I)  | d 947  |
| $(\text{Mn}_{0,6}^{\text{II}},\text{Mg}_{0,4}^{\text{II}})(\text{Mn}_{1,1}^{\text{III}},\text{Fe}_{0,9}^{\text{III}})\text{O}_4$ | f | 3443 | $\text{Mg}_{1-x}\text{Fe}_x\text{SiO}_3$ (II)   | d 948  |
| $\text{Mn}_{0,980}\text{Mg}_{0,006}\text{Fe}_{2,009}\text{O}_{4,000}$  | f | 3434 | $\text{Mg}_{1-x}\text{Fe}_x\text{SiO}_3$ (III)  | d 949  |
| <b>Fe-Mg-Mn-O-P</b>  |   |      | $(\text{Mg}_{1-x}\text{Fe}_x)_2\text{SiO}_4$ (I)                                      | d 945  |
| $(\text{Fe}^{\text{II}},\text{Mn},\text{Mg})_3(\text{PO}_4)_2$   | c | 2025 | $(\text{Mg}_{1-x}\text{Fe}_x)_2\text{SiO}_4$ (II)                                     | d 946  |
| <b>Fe-Mg-Mn-0-Pb-Ti</b>  |   |      | <b>Fe-Mg-0-Si-Y</b>   |        |
| $\text{Pb}(\text{Mg},\text{Mn},\text{Fe},\text{Ti})_{24}\text{O}_{38}$   | e | 1196 | $\text{Y}_3[\text{Mg}_x\text{Fe}_{2-x}](\text{Fe}_{3-x}\text{Si}_x)\text{O}_{12}$     | d 1012 |
| <b>Fe-Mg-Mn-0-Si</b>   |   |      | <b>Fe-Mg-0-Sn</b>   |        |
| $\text{Mg}_{0,75}\text{Mn}_{0,15}\text{Fe}_{1,10}\text{SiO}_4$   | d | 1072 | $\text{Mg}_{1+x}\text{Fe}_{2(1-x)}\text{Sn}_x\text{O}_4$                              | d 3234 |
| $(\text{Mg},\text{Mn},\text{Fe})_2\text{SiO}_4$  | d | 1073 | <b>Fe-Mg-0-Ta</b>   |        |
| <b>Fe-Mg-Mn-0-Si-Zn</b>  |   |      | $\text{MgFeTaO}_5$  | e 3380 |
| $(\text{Mg},\text{Zn},\text{Mn},\text{Fe})_2\text{SiO}_4$  | d | 1073 | $\text{Mg}_{1-x}\text{Fe}_x\text{Ta}_2\text{O}_6$                                     | e 3381 |
| <b>Fe-Mg-Mn-0-Ti</b>   |   |      | <b>Fe-Mg-0-Ti</b>   |        |
| $(\text{Fe},\text{Mg},\text{Mn})\text{TiO}_3$  | e | 1113 | $(\text{Fe},\text{Mg})(\text{Fe},\text{Ti})_2\text{O}_4$                              | e 1140 |
| $(\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Mn})\text{TiO}_3$   | e | 737  | $\text{MgFe}_2\text{Ti}_3\text{O}_{10}$   | e 1143 |
| <b>Fe-Mg-Mn-0-Zn</b>   |   |      | $(\text{Mg}_2\text{Ti})_x\text{Fe}_{3-3x}\text{O}_4$                                  | e 1139 |
| $\text{Mg}_{0,406}\text{Zn}_{0,272}\text{Mn}_{0,633}\text{Fe}_{1,689}$   |   |      | $\text{Mg}_x\text{Fe}_2\text{Ti}_{1-x}\text{O}_4$                                     | e 1138 |
| $0_{3,984}$  | f | 3458 | $\text{Mg}_x\text{Fe}_{1-x}\text{Ti}_2\text{O}_5$                                     | e 1144 |
| <b>Fe-Mg-N</b>   |   |      | $\text{Mg}_x\text{Fe}_{2-x}\text{TiO}_4$  | e 1137 |
| $\text{MgFe}_3\text{N}$  | c | 404  |   | e 1142 |
| <b>Fe-Mg-Na-O-P</b>  |   |      | $\text{Mg}_x\text{Fe}_{2(1-x)}\text{Ti}_x\text{O}_3$ (I)                              | e 1141 |
| $\text{Na}_2(\text{Mg},\text{Fe})_2(\text{PO}_4)_2$  | c | 2007 | $\text{Mg}_x\text{Fe}_{2(1-x)}\text{Ti}_x\text{O}_3$ (II)                             | e 1142 |
|  |   |      | $\text{Mg}_{1+x}\text{Ti}_x\text{Fe}_{2-2x}\text{O}_4$                                | e 1140 |



## 2 Alphabetisches Formelverzeichnis

|  |        |  |        |
|--|--------|--|--------|
| <b>Fe-Mg-O-V</b>   |        | <b>MnFe<sub>2</sub>O<sub>4</sub></b>   | b 1419 |
| MgV <sup>III</sup> Fe <sup>III</sup> <sub>2(1-x)</sub> O <sub>4</sub>  | f 3399 |  | f 3434 |
| Mg <sub>1+x</sub> Fe <sup>III</sup> <sub>2(1-x)</sub> V <sup>IV</sup> <sub>x</sub> O <sub>4</sub>  | e 1866 |  | f 3440 |
| Mg <sub>1+1,333f</sub> Fe <sup>III</sup> <sub>1-x</sub> 0,71V <sup>V</sup> <sub>0,25x</sub> O <sub>4</sub>   | e 1867 |  | f 3446 |
| <b>Fe-Mg-O-W</b>   |        |  | f 3455 |
| Mg <sub>1-x</sub> Fe <sub>x</sub> WO <sub>4</sub>  | f 2028 |  | f 3531 |
| <b>Fe-Mg-O-Zn</b>  |        |  | f 3532 |
| Mg <sub>x</sub> Zn <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub>   | f 3054 |  | f 3638 |
| <b>Fe-Mn-N</b>   |        | <b>MnFe<sub>2</sub>O<sub>4,12</sub></b>  | b 1419 |
| Mn <sub>4-x</sub> Fe <sub>x</sub> N <sub>1-0,25x</sub> □ <sub>0,25x</sub>  | c 260  |  | f 3434 |
| <b>Fe-Mn-Na-O-P</b>  |        | Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub>   | b 1419 |
| Na(Mn <sup>II</sup> ,Fe <sup>II</sup> )PO <sub>4</sub>   | c 2019 | Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4+y</sub>   | b 1419 |
| Na <sub>2</sub> (Fe <sup>II</sup> ,Mn <sup>II</sup> ) <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub>   | c 2021 | <b>Fe-Mn-O-P</b>   |        |
| Na <sub>2</sub> (Mn <sup>II</sup> ,Fe <sup>II</sup> ) <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub>   | c 2020 | (Mn <sup>III</sup> ,Fe <sup>III</sup> )PO <sub>4</sub>   | c 2016 |
| <b>Fe-Mn-Nb-O-Sc-Se-Sn-</b>  |        | <b>Fe-Mn-O-Pb-Si</b>   |        |
| <b>Ta-Ti-Zr</b>  |        | Pb <sub>2</sub> MnFe{(Si <sub>2</sub> O <sub>7</sub> )O <sub>2</sub> }   | d 1095 |
| (Fe,Mn,Sc,Ta,Nb,Se,Zr,Ti,Sn) <sub>2</sub> O <sub>4</sub>   | b 1427 | Pb <sub>2</sub> (Mn <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> {(Si <sub>2</sub> O <sub>7</sub> )O <sub>2</sub> }                               | d 1025 |
| <b>Fe-Mn-Nb-O-Sn-Ta</b>  |        | Pb <sub>2</sub> (Mn <sup>III</sup> <sub>1-x</sub> Fe <sup>III</sup> <sub>x</sub> ) <sub>2</sub> {(Si <sub>2</sub> O <sub>7</sub> )O <sub>2</sub> } | d 1095 |
| (Fe,Mn,Ta,Nb,Sn) <sub>2</sub> O <sub>4</sub> (I)   | b 1427 | <b>Fe-Mn-O-Pb-W</b>  |        |
| (Fe,Mn,Ta,Nb,Sn) <sub>2</sub> O <sub>4</sub> (II)  | b 1428 | PbFe <sup>III</sup> <sub>0,333</sub> Mn <sup>III</sup> <sub>0,333</sub> W <sup>VI</sup> <sub>0,333</sub> O <sub>3</sub>                            | f 2066 |
| <b>Fe-Mn-Nb-O-Sn-Ta-Ti</b>   |        | PbFe <sup>III</sup> <sub>0,5</sub> Mn <sup>IV</sup> <sub>0,25</sub> W <sup>VI</sup> <sub>0,25</sub> O <sub>3</sub>                                 | f 2065 |
| (Fe,Mn) <sub>0,5</sub> (Sn,Ti) <sub>4,5</sub> (Nb,Ta) <sub>0,12</sub>  | e 3423 | <b>Fe-Mn-O-Rh</b>  |        |
| (Fe,Mn) <sub>x</sub> (Sn,Ti) <sub>6-3x</sub> (Nb,Ta) <sub>2x</sub> O <sub>12</sub>   | e 3423 | MnFe <sub>2-x</sub> Rh <sub>x</sub> O <sub>4</sub>   | f 3919 |
| <b>Fe-Mn-Nb-O-Ta</b>   |        | <b>Fe-Mn-O-Sb</b>  |        |
| (Fe,Mn)(Nb,Ta) <sub>2</sub> O <sub>6</sub> (I)   | e 3419 | MnFe <sub>0,5</sub> Sb <sub>0,5</sub> O <sub>3</sub>   | c 3184 |
| (Fe,Mn)(Nb,Ta) <sub>2</sub> O <sub>6</sub> (II)  | e 3420 | <b>Fe-Mn-O-Sb-Si</b>   |        |
| <b>Fe-Mn-Nb-O-Ta-Ti</b>  |        | Mn <sub>5</sub> (Mn,Fe,Sb) <sub>2</sub> SiO <sub>11</sub>  | d 860  |
| (Mn,Fe)(Ta,Nb,Ti) <sub>2</sub> O <sub>6</sub>  | e 3361 | <b>Fe-Mn-O-Sc</b>  |        |
| (TiO <sub>2</sub> ) <sub>5</sub> (Fe,Mn)(Nb,Ta) <sub>2</sub> O <sub>6</sub>  | e 3421 | Fe <sub>x</sub> Mn <sub>5-2x-y</sub> Sc <sub>2-x-y</sub> O <sub>3</sub>  | b 1425 |
| <b>Fe-Mn-Nb-O-Ti</b>   |        | MnSc <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub>   | f 3508 |
| (Mn,Fe)(Ti,Nb) <sub>2</sub> O <sub>6</sub>   | e 2799 | <b>Fe-Mn-O-Si</b>  |        |
| <b>Fe-Mn-Nb-O-W</b>  |        | (Fe,Mn) <sub>2</sub> SiO <sub>4</sub>  | d 859  |
| (Fe <sub>x</sub> Mn <sub>1-x</sub> )(Nb <sub>1-x</sub> W <sub>x</sub> )O <sub>4</sub>  | f 2067 | (Mn,Fe) <sub>2</sub> SiO <sub>4</sub>  | d 859  |
| (MnNb <sub>2</sub> O <sub>6</sub> ) <sub>1-x</sub> (FeWO <sub>4</sub> ) <sub>x</sub>   | f 2068 | (Mn,Fe) <sub>7</sub> [Si <sub>7</sub> O <sub>21</sub> ]  | d 1070 |
| <b>Fe-Mn-Ni-O</b>  |        | (Mn <sup>II</sup> ,Fe <sup>II</sup> ,Fe <sup>III</sup> ) <sub>&lt;2</sub> [SiO <sub>4</sub> ]  | d 1068 |
| NiMn <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub>   | f 3635 | Mn <sub>3</sub> Fe <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub>   | d 1069 |
| Ni <sub>1-x</sub> Mn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub>   | f 3638 | <b>Fe-Mn-O-Si-Ti</b>   |        |
| Ni <sup>II</sup> <sub>1-x</sub> Mn <sup>II</sup> <sub>x</sub> (Mn <sup>III</sup> Fe <sup>III</sup> <sub>1-x</sub> ) <sub>2</sub> O <sub>4</sub> (I)  | f 3636 | Mn <sub>3</sub> Fe <sub>2</sub> [(Ti,Si)O <sub>4</sub> ] <sub>3</sub>  | d 1096 |
| Ni <sup>II</sup> <sub>1-x</sub> Mn <sup>II</sup> <sub>x</sub> (Mn <sup>III</sup> Fe <sup>III</sup> <sub>1-x</sub> ) <sub>2</sub> O <sub>4</sub> (II) | f 3637 | <b>Fe-Mn-O-Si-Y</b>  |        |
| <b>Fe-Mn-Ni-O-Ti</b>   |        | Y <sub>3</sub> [Mn <sub>x</sub> Fe <sub>2-x</sub> ](Fe <sub>3-x</sub> Si <sub>x</sub> )O <sub>12</sub>   | d 1091 |
| Mn <sub>x</sub> FeNi <sub>1,5-x</sub> Ti <sub>0,5</sub> O <sub>4</sub>   | e 1248 | Y <sub>3-x</sub> Mn <sub>x</sub> Fe <sub>5-x</sub> Si <sub>x</sub> O <sub>12</sub>   | d 1092 |
| <b>Fe-Mn-Ni-O-Zn</b>   |        | <b>Fe-Mn-O-Si-Zr</b>   |        |
| Zn <sub>x</sub> Ni <sub>y</sub> Mn <sub>1-x-y</sub> Fe <sub>2</sub> O <sub>4</sub>   | f 3641 | Mn <sub>3</sub> Fe <sub>2</sub> [(Zr,Si)O <sub>4</sub> ] <sub>3</sub>  | d 1099 |
| <b>Fe-Mn-O</b>   |        | <b>Fe-Mn-O-Ta</b>  |        |
| FeMn <sub>2</sub> O <sub>4</sub>   | f 2634 | Fe <sub>x</sub> Mn <sub>y</sub> Ta <sub>2</sub> O <sub>12</sub>  | b 1426 |
| (Fe <sub>x</sub> Mn <sub>1-x</sub> ) <sub>2</sub> O <sub>3</sub> (I)   | b 1421 | Mn <sub>x</sub> Fe <sub>1-x</sub> Ta <sub>2</sub> O <sub>6</sub> (I)   | e 3417 |
| (Fe <sub>x</sub> Mn <sub>1-x</sub> ) <sub>2</sub> O <sub>3</sub> (II)  | b 1422 | Mn <sub>x</sub> Fe <sub>1-x</sub> Ta <sub>2</sub> O <sub>6</sub> (II)  | e 3418 |
| Fe <sub>1-x</sub> Mn <sub>x</sub> O  | b 1418 | Mn <sub>y</sub> Fe <sub>x</sub> Ta <sub>2</sub> O <sub>12</sub> (I)  | e 3416 |
| (Fe <sub>1-x</sub> Mn <sub>x</sub> ) <sub>3</sub> O <sub>4</sub> (I)   | b 1419 | <b>Fe-Mn-O-Ti</b>  |        |
| (Fe <sub>1-x</sub> Mn <sub>x</sub> ) <sub>3</sub> O <sub>4</sub> (II)  | b 1420 | Fe <sub>2</sub> Mn <sub>1-x</sub> Ti <sub>x</sub> O <sub>4</sub>   | e 1187 |
| (Mn,Fe) <sub>2</sub> O <sub>3</sub>  | b 1287 | (Fe <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (MnTiO <sub>3</sub> ) <sub>x</sub> (I)  | e 1193 |
|  |        | (Fe <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (MnTiO <sub>3</sub> ) <sub>x</sub> (II)   | e 1194 |
|  |        | (Fe <sub>3</sub> O <sub>4</sub> ) <sub>1-x</sub> (Mn <sub>2</sub> TiO <sub>4</sub> ) <sub>x</sub>  | e 1191 |

## 2 Alphabetical formula index

|   |        |   |        |
|---|--------|---|--------|
| $\text{Fe}_{1-x}\text{Mn}_x\text{TiO}_4$  | e 1192 | <b>Fe-N</b>   |        |
| $(\text{Mn}_3\text{O}_4)_x(\text{Fe}_2\text{TiO}_4)_{1-x}$ (I)  | e 1189 | $\text{FeN}_{0,125}$  | c 251  |
| $(\text{Mn}_3\text{O}_4)_x(\text{Fe}_2\text{TiO}_4)_{1-x}$ (II)   | e 1190 | $\text{FeN}_x$ (I)  | c 248  |
| $\text{Mn}_{1+x}\text{Fe}_{2-2x}\text{Ti}_x\text{O}_4$  | e 1188 | $\text{FeN}_x$ (II)   | c 249  |
| <b>Fe-Mn-O-Ti-Zn</b>  |        | $\text{FeN}_x$ (II')  | c 250  |
| $(\text{Zn,Mn,Fe})\text{TiO}_3$   | e 1072 | $\text{FeN}_x$ (II'')   | c 251  |
| $(\text{Zn}^{\text{II}},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Mn}^{\text{III}},\text{Ti}^{\text{III}})_2\text{Ti}_2\text{O}_7$ | e 1195 | $\text{FeN}_x$ (III)  | c 252  |
| <b>Fe-Mn-O-V</b>  |        | $\text{FeN}_x$ (IV)   | c 253  |
| $\text{Mn}^{\text{II}}\text{V}_x^{\text{III}}\text{Fe}_{2-x}^{\text{III}}\text{O}_4$  | f 3531 | $\text{FeN}_x$ (V)  | c 254  |
| <b>Fe-Mn-O-W</b>  |        | $\varepsilon\text{-Fe}_2\text{N}$                             | c 253  |
| $(\text{Mn,Fe})\text{WO}_4$   | f 2063 | $\zeta\text{-Fe}_2\text{N}$                                   | c 254  |
| $\text{Mn}_{1-x}\text{Fe}_x\text{WO}_4$   | f 1993 | $\text{Fe}_3\text{N}$   | c 253  |
|   | f 2019 | $\text{Fe}_4\text{N}$   | c 252  |
| <b>Fe-Mn-O-Y</b>  |        | $\text{Fe}_8\text{N}$   | c 251  |
| $\text{YMn}_{1-x}\text{Fe}_x\text{O}_3$ (I)   | f 3509 | <b>Fe-N-Nb</b>  |        |
| $\text{YMn}_{1-x}\text{Fe}_x\text{O}_3$ (II)  | f 3510 | $\text{Nb}_4\text{Fe}_2\text{N}$                              | c 415  |
| $\text{YMn}_{2-x}\text{Fe}_x^{\text{III}}\text{O}_5$  | f 3512 | <b>Fe-N-Ni</b>  |        |
| $\text{Y}_3\text{Mn}_x\text{Fe}_{5-x}\text{O}_{12}$   | f 3511 | $\text{FeNiN}$  | c 446  |
| <b>Fe-Mn-O-Zn</b>   |        | $(\text{Fe,Ni})_2\text{N}$                                    | c 445  |
| $\text{Zn}_{0,61}\text{Mn}_{1,09}\text{Fe}_{1,38}\text{O}_4$  | f 3051 | $(\text{Fe,Ni})_3\text{N}$                                    | c 444  |
| $\text{Zn}_{0,67}\text{Mn}_{2,32}\text{Fe}_{0,22}\text{O}_4$  | f 2492 | $(\text{Fe,Ni})\text{N}_x$ (I)                                | c 441  |
| $\text{Zn}_{0,71}\text{Mn}_{2,28}\text{Fe}_{0,71}\text{O}_4$  | f 2492 | $(\text{Fe,Ni})\text{N}_x$ (II)                               | c 442  |
| $\text{ZnMn}_x\text{Fe}_{2-x}\text{O}_4$ (I)  | f 3453 | $(\text{Fe,Ni})\text{N}_x$ (III)                              | c 443  |
| $\text{ZnMn}_x\text{Fe}_{2-x}\text{O}_4$ (II)   | f 3454 | $(\text{Fe,Ni})\text{N}_x$ (IV)                               | c 444  |
| $(\text{Zn}_x\text{Mn,Fe}_2)_3\text{O}_4$ (I)   | f 3456 | $(\text{Fe,Ni})\text{N}_x$ (V)                                | c 445  |
| $(\text{Zn}_x\text{Mn,Fe}_2)_3\text{O}_4$ (II)  | f 3457 | $\text{Fe}_3\text{NiN}$                                       | c 443  |
| $\text{Zn}_{-x}\text{Mn}_x\text{Fe}_2\text{O}_4$  | f 3455 | $\text{Fe}_3\text{NiN}_x$                                     | c 443  |
| <b>Fe-Mn-O-Zr</b>   |        | $\text{Fe}_{-y}\text{Ni}_y\text{N}_x$                         | c 443  |
| $(\text{ZrO}_2)_x(\text{MnFe}_2\text{O}_4)_{1-x}$   | f 3519 | <b>Fe-N-O-Pb-Tl</b>   |        |
| <b>Fe-Mn-P</b>  |        | $\text{Tl}_2\text{Pb}[\text{Fe}(\text{NO}_2)_6]$              | c 725  |
| $(\text{Mn}_x\text{Fe}_{1-x})_3\text{P}$  | c 1352 | <b>Fe-N-O-S</b>   |        |
| $(\text{Mn}_x\text{Fe}_{1-x})_2\text{P}$ (I)  | c 1353 | $\text{Fe}_4(\text{NO})_4\text{S}_4$                          | b 2913 |
| $(\text{Mn}_x\text{Fe}_{1-x})_2\text{P}$ (II)   | c 1354 | <b>Fe-N-O-Sr-Ti</b>   |        |
| $(\text{Mn}_x\text{Fe}_{1-x})_2\text{P}$ (III)  | c 1355 | $\text{Tl}_2\text{Sr}[\text{Fe}(\text{NO}_2)_6]$              | c 719  |
| <b>Fe-MO-O</b>  |        | <b>Fe-N-Pd</b>  |        |
| $\text{FeMoO}_4$  | f 1009 | $\text{Fe}_{-x}\text{Pd}_x\text{N}$                           | c 455B |
| $\text{FeMoO}_4$ (I)  | f 1010 | <b>Fe-N-Pt</b>  |        |
| $\text{FeMoO}_4$ (II)   | f 1011 | $\text{Fe}_3\text{PtN}$                                       | c 465  |
| $\text{FeMoO}_4$ (III)  | f 1012 | $\text{Fe}_{-x}\text{Pt}_x\text{N}$                           | c 465  |
| $(\text{Fe,Mo})\text{O}_x$  | b 1412 | <b>Fe-N-Sn</b>  |        |
| $\text{Fe}_2(\text{MoO}_4)_3$   | f 1013 | $\text{SnFe}_3\text{N}$                                       | c 412  |
| $\text{Fe}_2\text{Mo}_3\text{O}_8$  | f 1008 | <b>Fe-N-Ta</b>  |        |
| $\text{Fe}_3\text{Mo}_3\text{O}$  | b 1411 | $\text{Ta}_2\text{FeN}_x$                                     | c 417  |
| $(\text{Mo,Fe})(\text{Mo,Fe})_2\text{O}_{4-x}$  | f 3433 | $\text{Ta}_4\text{Fe}_2\text{N}$                              | c 416  |
| $\text{MoFe}_2\text{O}_4$   | f 3433 | <b>Fe-N-Zn</b>  |        |
| <b>Fe-Mo-O-Rb</b>   |        | $\text{ZnFe}_3\text{N}$                                       | c 406  |
| $\text{RbFe}(\text{MoO}_4)_2$   | f 1018 | <b>Fe-N-Zr</b>  |        |
| <b>Fe-Mo-O-Sr</b>   |        | $\text{Zr}_4\text{Fe}_2\text{N}_x$                            | c 413  |
| $\text{SrFe}_{0,667}\text{Mo}_{0,333}\text{O}_3$  | f 1022 | <b>Fe-Na-O</b>  |        |
| $\text{Sr}_2\text{FeMoO}_{6-y}$   | f 1021 | $(\gamma\text{-Fe}_2\text{O}_3)_{1-x}(\text{Na}_2\text{O})_x$ | b 1367 |
| <b>Fe-Mo-O-Sr-W</b>   |        | $\text{NaFeO}_2$ (I)  | f 2964 |
| $\text{Sr}_2\text{FeMo}_{1-x}\text{W}_x\text{O}_6$  | f 2062 | $\text{NaFeO}_2$ (II)   | f 2965 |

(cont.)

## 2 Alphabetisches Formelverzeichnis

|   |        |  |        |
|---|--------|--|--------|
| NaFeO <sub>2</sub> (III)  | f 2966 | Fe <sub>2x</sub> Nb <sub>2-2x</sub> O <sub>5-2x</sub>  | b 1397 |
| Na <sub>3</sub> Fe <sub>3</sub> O <sub>9</sub>  | f 2968 | Fe, - <sub>x</sub> Nb <sub>x</sub> O <sub>4</sub>  | b 1396 |
| Na <sub>10</sub> Fe <sub>16</sub> O <sub>29</sub>   | f 2967 | <b>Fe-Nb-0-Pb</b>  |        |
| Fe-Na-O-P   |        | PbFe <sub>0,5</sub> Nb <sub>0,5</sub> O <sub>3</sub> (I)   | e 2776 |
| NaFeP <sub>2</sub> O <sub>7</sub> (I)   | c 2001 | PbFe <sub>0,5</sub> Nb <sub>0,5</sub> O <sub>3</sub> (II)  | e 2777 |
| NaFeP <sub>2</sub> O <sub>7</sub> (II)  | c 2002 | <b>Fe-Nb-0-Pb-Ti</b>   |        |
| <b>Fe-Na-0-Pb-W</b>   |        | PbTi <sub>1-x</sub> (Fe <sub>0,5</sub> Nb <sub>0,5</sub> ) <sub>x</sub> O <sub>3</sub>                       | e 2784 |
| PbNa <sub>0,25</sub> Fe <sub>0,25</sub> W <sub>0,5</sub> O <sub>3</sub>                         | f 2048 | <b>Fe-Nb-0-Pb-Ti-Zr</b>  |        |
| Fe-Na-O-S   |        | [Pb(Ti <sub>1-y</sub> Zr <sub>y</sub> )O <sub>3</sub> ] <sub>1-x</sub> [PbFe <sub>0,5</sub> <sup>III</sup> · |        |
| NaFe(SO <sub>4</sub> ) <sub>2</sub>   | b 3380 | Nb <sub>0,5</sub> O <sub>3</sub> ] <sub>x</sub> (I)  | e 2786 |
| Na <sub>3</sub> Fe(SO <sub>4</sub> ) <sub>3</sub>   | b 3379 | [Pb(Ti <sub>1-y</sub> Zr <sub>y</sub> )O <sub>3</sub> ] <sub>1-x</sub> [PbFe <sub>0,5</sub> <sup>III</sup> · |        |
| Fe-Na-0-Sc-Si   |        | Nb <sub>0,5</sub> O <sub>3</sub> ] <sub>x</sub> (II)   | e 2787 |
| Na(Sc <sub>x</sub> Fe <sub>1-x</sub> )Si <sub>2</sub> O <sub>6</sub>                            | d 1005 | <b>Fe-Nb-0-Pb-W-Yb</b>   |        |
| <b>Fe-Na-0-Sc-Ti</b>  |        | Pb(Yb <sub>0,5</sub> Nb <sub>0,5</sub> ) <sub>1-x</sub> (Fe <sub>0,667</sub> ·                               |        |
| NaSc <sub>1-x</sub> Fe <sub>x</sub> TiO <sub>4</sub>  | e 1158 | W <sub>0,333</sub> ) <sub>x</sub> O <sub>3</sub>   | f 2059 |
| <b>Fe-Na-0-Si</b>   |        | <b>Fe-Nb-O-Sc-W</b>  |        |
| NaFeSi <sub>2</sub> O <sub>6</sub>  | d 449  | (ScNbO <sub>4</sub> ) <sub>1-x</sub> (FeWO <sub>4</sub> ) <sub>x</sub>                                       | f 2058 |
|   | d 938  | <b>Fe-Nb-0-Sr</b>  |        |
| Na <sub>2</sub> Fe <sup>II</sup> Fe <sup>III</sup> Si <sub>12</sub> O <sub>30</sub>             | d 1490 | SrFe <sub>0,333</sub> Nb <sub>0,667</sub> O <sub>3</sub>   | e 2760 |
| <b>Fe-Na-b-Si-Ti</b>  |        | SrFe <sub>1-x</sub> Nb <sub>x</sub> O <sub>3-δ</sub> (I)   | e 2761 |
| Na <sub>2</sub> Fe <sup>II</sup> Ti[(Si <sub>6</sub> O <sub>18</sub> )O <sub>2</sub> ]          | d 1029 | SrFe <sub>1-x</sub> Nb <sub>x</sub> O <sub>3-δ</sub> (II)  | e 2762 |
| Fe-Na-0-Si-Y  |        | Sr <sub>2</sub> FeNbO <sub>6</sub> (I)   | e 2758 |
| {Na <sub>0,5x</sub> Y <sub>3-0,5x</sub> }Fe <sub>5-x</sub> Si <sub>x</sub> O <sub>12</sub>      | d 1010 | Sr <sub>2</sub> FeNbO <sub>6</sub> (II)  | e 2759 |
| <b>Fe-Na-0-Sn</b>   |        | Sr <sub>2</sub> (Fe,Nb) <sub>2</sub> O <sub>6-d</sub>  | e 2759 |
| NaFeSnO <sub>4</sub>  | d 3232 | Sr <sub>6</sub> FeNb <sub>9</sub> O <sub>30</sub>  | e 2763 |
| <b>Fe-Na-0-Te</b>   |        | <b>Fe-Nb-0-Ta</b>  |        |
| Na <sub>3</sub> Fe <sub>3</sub> Te <sub>2</sub> O <sub>12</sub>                                 | b 4781 | (Fe <sub>0,5</sub> Nb <sub>0,5-x</sub> Ta <sub>x</sub> )O <sub>2</sub>                                       | e 3411 |
| <b>Fe-Na-0-Ti</b>   |        | Fe(Nb,Ta) <sub>2</sub> O <sub>6</sub>  | e 3412 |
| NaFeTiO <sub>4</sub>  | e 1128 | FeNb <sub>x</sub> Ta <sub>1-x</sub> O <sub>4</sub>   | e 3411 |
| Na <sub>2</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>10</sub>                                 | e 1129 | <b>Fe-Nb-0-Te</b>  |        |
| Na <sub>2</sub> Fe <sub>2</sub> Ti <sub>6</sub> O <sub>16</sub>                                 | e 1129 | Fe <sub>0,5</sub> Nb <sub>0,5</sub> Te <sub>3</sub> O <sub>8</sub>   | b 4581 |
| Na <sub>x</sub> Fe <sub>x</sub> Ti <sub>2-x</sub> O <sub>4</sub>                                | e 1127 | <b>Fe-Nb-0-Ti</b>  |        |
| Na, - <sub>x</sub> Fe <sub>1-x</sub> Ti <sub>x</sub> O <sub>2</sub>                             | e 1126 | (Fe,Nb,Ti)O <sub>2</sub>   | b 1399 |
| Fe-Na-O-W   |        | (TiO <sub>2</sub> ) <sub>1-x</sub> (FeNbO <sub>4</sub> ) <sub>x</sub>  | b 1399 |
| NaFe(WO <sub>4</sub> ) <sub>2</sub>   | f 2023 | <b>Fe-Nb-O-W</b>   |        |
| Fe-Nb-Nd-0  |        | (Fe <sub>0,5</sub> W <sub>0,5</sub> ) <sub>x</sub> Nb <sub>1-x</sub> O <sub>2</sub>                          | b 1417 |
| Nd <sub>3</sub> Fe <sub>2</sub> Nb <sub>3</sub> O <sub>15</sub>                                 | e 2770 | (FeNbO <sub>4</sub> ) <sub>x</sub> (FeWO <sub>4</sub> ) <sub>1-x</sub>                                       | f 2056 |
| <b>Fe-Nb-Nd-0-Pb</b>  |        | (FeNb <sub>2</sub> O <sub>6</sub> ) <sub>x</sub> (FeWO <sub>4</sub> ) <sub>1-x</sub> (I)                     | f 2054 |
| Pb <sub>2</sub> Nd <sub>4</sub> Fe <sub>3</sub> Nb <sub>7</sub> O <sub>30</sub>                 | e 2779 | (FeNb <sub>2</sub> O <sub>6</sub> ) <sub>x</sub> (FeWO <sub>4</sub> ) <sub>1-x</sub> (II)                    | f 2055 |
| <b>Fe-Nb-0</b>  |        | (NbO <sub>2</sub> ) <sub>x</sub> (FeWO <sub>4</sub> ) <sub>1-x</sub>   | f 2057 |
| FeNbO, (I)  | e 2745 | <b>Fe-Nb-P</b>   |        |
| FeNbO, (II)   | e 2746 | NbFeP  | c 1347 |
| FeNbO, (III)  | e 2747 | <b>Fe-Nd-0</b>   |        |
| FeNb <sub>2</sub> O <sub>6</sub> (II)   | e 2748 | NdFeO <sub>3</sub>   | f 3234 |
| FeNb <sub>11</sub> O <sub>29</sub> (I)  | e 2751 | Nd <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub>  | f 3235 |
| FeNb <sub>11</sub> O <sub>29</sub> (II)   | e 2752 | <b>Fe-Nd-0-Sb</b>  |        |
| FeNb <sub>49</sub> O <sub>124</sub>   | e 2753 | Nd <sub>2</sub> FeSbO <sub>7</sub>   | c 3173 |
| (Fe <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> (Nb <sub>2</sub> O <sub>5</sub> ) <sub>x</sub> | b 1397 | <b>Fe-Nd-0-Sc</b>  |        |
| Fe <sub>2,4</sub> Nb <sub>3,6</sub> O   | b 1395 | Nd <sub>3</sub> ScFe <sub>5-x</sub> O <sub>12</sub>  | f 3241 |
| Fe <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub>  | e 2744 | <b>Fe-Nd-0-Sc-Y</b>  |        |
| Fe <sub>8</sub> Nb <sub>10</sub> O <sub>37</sub> (I)  | e 2749 | Nd <sub>1,5</sub> Y <sub>1,5</sub> Sc <sub>x</sub> Fe <sub>5-x</sub> O <sub>12</sub>                         | f 3243 |
| Fe <sub>8</sub> Nb <sub>10</sub> O <sub>37</sub> (II)   | e 2750 | <b>Fe-Nd-0-Si-Ti</b>   |        |
| Fe <sub>1-δ</sub> (Fe,Nb) <sub>2</sub> O <sub>6</sub>   | e 2748 | Nd <sub>4</sub> Fe <sub>2</sub> Ti <sub>3</sub> Si <sub>4</sub> O <sub>22</sub>                              | d 1053 |

## 2 Alphabetical formula index

|  |        |  |   |        |
|--|--------|--|---|--------|
| <b>Fe-Nd-O-Sm</b>  |        |  | <b>Fe-Ni-O-Zn</b>   |        |
| $\text{Sm}_{3-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$                                   | f 3255 |  | $\text{Zn}_{-x}\text{Ni}_x\text{Fe}_2\text{O}_4$                      | f 3618 |
| <b>Fe-Nd-O-Sr</b>  |        |  | <b>Fe-Ni-P</b>  |        |
| $\text{SrNdFeO}_4$   | f 3236 |  | $(\text{Fe}_{1-x}\text{Ni}_x)_2\text{P}$                              | c 1392 |
| $\text{SrNd}_2\text{Fe}_2\text{O}_7$   | f 3237 |  | $(\text{Fe}_{1-x}\text{Ni}_x)_3\text{P}$                              | c 1391 |
| <b>Fe-Nd-O-Ti</b>  |        |  | <b>Fe-O</b>   |        |
| $\text{NdFeTiO}_5$   | e 1163 |  | $\text{Fe}_{0.88}^{\text{II}}\text{Fe}_{2.08}^{\text{III}}\text{O}_4$ | b 1356 |
| <b>Fe-Nd-O-Tm</b>  |        |  | $\text{FeO}$  | b 1351 |
| $\text{Tm}_{3-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$                                   | f 3325 |  | $\text{FeO}_{1.000}$  | b 1351 |
| <b>Fe-Nd-O-Y</b>   |        |  | $\text{FeO}_x$  | b 1350 |
| $\text{Nd}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$                                    | f 3242 |  | $\text{FeO}_y$  | b 1351 |
| <b>Fe-Nd-O-Yb</b>  |        |  | $\text{Fe}^{\text{II}}\text{Fe}_2^{\text{III}}\text{O}_4$             | f 3174 |
| $\text{Yb}_{3-x}\text{Nd}_x\text{Fe}_5\text{O}_{12}$                                   | f 3334 |  | $\text{Fe}_2\text{O}_3$ (I)   | b 1358 |
| <b>Fe-Ni-O</b>   |        |  | $\text{Fe}_2\text{O}_3$ (II)  | b 1359 |
| $(\text{Fe}_2\text{O}_3)_x(\text{NiFe}_2\text{O}_4)_{1-x}$                             | f 3599 |  | $\text{Fe}_2\text{O}_3$ (III)   | b 1360 |
| $\text{NiFe}_2\text{O}_4$  | f 3598 |  | $\text{Fe}_2\text{O}_3$ (IV)  | b 1361 |
|  | f 3601 |  | $\text{Fe}_2\text{O}_3$ (V)   | b 1362 |
|  | f 3618 |  | $\text{Fe}_2\text{O}_3$ (VI)  | b 1363 |
|  | f 3622 |  | $\text{Fe}_2\text{O}_3$ (VII)   | b 1364 |
|  | f 3624 |  | $\text{Fe}_2\text{O}_3$ (VIII)  | b 1365 |
|  | f 3627 |  | $\text{Fe}_3(\text{Fe}_3\Box)\text{O}_{12}$                           | b 1364 |
|  | f 3638 |  | $\text{Fe}_3\text{O}_4$   | f 3402 |
|  | f 3923 |  | $\text{Fe}_3\text{O}_4$ (I)   | b 1356 |
| $\text{Ni}_{-x}\text{Fe}_x\text{Fe}_2\text{O}_4$                                       | f 3597 |  | $\text{Fe}_3\text{O}_4$ (II)  | b 1357 |
| <b>Fe-Ni-O-Rb</b>  |        |  | $\text{Fe}_{1-x}\text{O}$ (I)   | b 1351 |
| $\text{NiFe}_{2-x}\text{Rh}_x\text{O}_4$   | f 3923 |  | $\text{Fe}_{-x}\text{O}$ (II)   | b 1352 |
| <b>Fe-Ni-O-Sb</b>  |        |  | $\text{Fe}_{-x}\text{O}$ (III)  | b 1353 |
| $\text{Fe}_x\text{Ni}_{1-x}\text{Sb}_2\text{O}_6$                                      | c 3221 |  | $\text{Fe}_{-x}\text{O}$ (IV)   | b 1354 |
| $\text{Fe}_{2-3x}\text{Ni}_{1+2x}\text{Sb}_x\text{O}_4$                                | c 3220 |  | $\text{Fe}_3\sqrt{\text{O}}_4$  | b 1355 |
| <b>Fe-Ni-O-Sb-Zn</b>   |        |  |   | b 1356 |
| $\text{Zn}_x\text{FeNi}_{5/3-x}\text{Sb}_{1/3}\text{O}_4$                              | c 3222 |  | <b>Fe-O-Os-Sr</b>   |        |
| <b>Fe-Ni-O-SC</b>  |        |  | $\text{Sr}_2\text{FeOsO}_6$   | f 3976 |
| $\text{NiSc}_x\text{Fe}_{2-x}\text{O}_4$   | f 3626 |  | <b>Fe-O-P</b>   |        |
| <b>Fe-Ni-O-Si-Y</b>  |        |  | $\text{Fe}(\text{PO}_3)_3$  | c 1997 |
| $\text{Y}_3\text{Ni}_x\text{Fe}_{5-2x}\text{Si}_x\text{O}_{12}$                        | d 1166 |  |   | c 1998 |
| <b>Fe-Ni-O-Sn</b>  |        |  | $\text{FePO}_4$ (I)   | c 1995 |
| $\text{Fe}_{2-2x}\text{Ni}_{1+x}\text{Sn}_x\text{O}_4$                                 | d 3255 |  | $\text{FePO}_4$ (II)  | c 1996 |
| <b>Fe-Ni-O-Ta</b>  |        |  | $\text{Fe}_3\text{O}_3\text{PO}_4$                                    | c 1994 |
| $\text{Ni}_{1-x}\text{Fe}_x\text{Ta}_2\text{O}_6$                                      | e 3461 |  | $\text{Fe}_3(\text{PO}_4)_2$  | c 1993 |
| <b>Fe-Ni-O-Ti</b>  |        |  | $\text{Fe}_4(\text{P}_4\text{O}_{12})_3$                              | c 1997 |
| $(\text{Fe}_2\text{O}_3)_{1-x}(\text{NiTiO}_3)_x$ (I)                                  | e 1245 |  | <b>Fe-O-P-Sr-Ti</b>   |        |
| $(\text{Fe}_2\text{O}_3)_{1-x}(\text{NiTiO}_3)_x$ (II)                                 | e 1246 |  | $\text{SrTiFe}(\text{PO}_4)_3$  | c 2014 |
| $(\text{Ni}_2\text{TiO}_4)_x(\text{Fe}_3\text{O}_4)_{1-x}$                             | e 1244 |  | <b>Fe-O-Pb</b>  |        |
| $\text{Ni}_{+x}\text{Fe}_{2-2x}^{\text{III}}\text{Ti}_x\text{O}_4$                     | e 1243 |  | $\text{PbFe}_2\text{O}_4$   | f 3348 |
| <b>Fe-Ni-O-Ti-Zn</b>   |        |  | $\text{PbFe}_4\text{O}_7$   | f 3349 |
| $\text{Zn}_x\text{Fe}^{\text{III}}\text{Ni}_{1.5-x}\text{Ti}_{0.5}\text{O}_4$          | e 1247 |  | $\text{PbFe}_6\text{O}_{10}$  | f 3350 |
| <b>Fe-Ni-O-V</b>   |        |  | $\text{PbFe}_8\text{O}_{13}$  | f 3351 |
| $\text{Ni}_x^{\text{II}}\text{V}_x^{\text{III}}\text{Fe}_{2-x}^{\text{III}}\text{O}_4$ | f 3627 |  | $\text{PbFe}_{12}\text{O}_{19}$                                       | f 3352 |
| <b>Fe-Ni-O-V-Zn</b>  |        |  | $\text{PbFe}_{12-x}\text{O}_{19-1.5x}$                                | f 3352 |
| $\text{Zn}_x\text{Ni}_{1-x}\text{V}^{\text{III}}\text{Fe}^{\text{III}}\text{O}_4$      | f 3628 |  | $\text{Pb}_2\text{Fe}_2\text{O}_5$                                    | f 3347 |
| <b>Fe-Ni-O-W</b>   |        |  | $\text{Pb}_3\text{Fe}_2\text{O}_6$                                    | f 3346 |
| $\text{Fe}_{-x}\text{Ni}_x\text{WO}_4$   | f 2115 |  | $\text{Pb}_8\text{Fe}_2\text{O}_{11}$                                 | f 3345 |

## 2 Alphabetisches Formelverzeichnis

|  |   |      |  |
|--|---|------|--|
| <b>Fe-0-Pb-Sc-Si</b>   |   |      |  |
| $\text{Pb}_2(\text{ScFe})(\text{Si}_2\text{O}_7)_2$  | d | 1028 |  |
| <b>Fe-0-Pb-Si</b>  |   |      |  |
| $\text{Pb}_2\text{Fe}_2^{III}[(\text{Si}_2\text{O}_7)_2]$  | d | 1025 |  |
| $\text{Pb}_8\text{Fe}[\text{Si}_2\text{O}_7]_3$  | d | 1024 |  |
| <b>Fe-0-Pb-Ta</b>  |   |      |  |
| $\text{PbFe}_{0,5}\text{Ta}_{0,5}\text{O}_3$ (I)   | e | 3397 |  |
| $\text{PbFe}_{0,5}\text{Ta}_{0,5}\text{O}_3$ (II)  | e | 3398 |  |
| <b>Fe-0-Pb-Ta-Ti-Zr</b>  |   |      |  |
| $[\text{Pb}(\text{Zr}_x\text{Ti}_{1-y}\text{O}_3)_x][\text{Pb}(\text{Ta}_{0,5}^y\text{Fe}_{0,5}^{III}\text{O}_3)_{1-x}$ (I)  | e | 3409 |  |
| $[\text{Pb}(\text{Zr}_x\text{Ti}_{1-y}\text{O}_3)_x][\text{Pb}(\text{Ta}_{0,5}^y\text{Fe}_{0,5}^{III}\text{O}_3)_{1-x}$ (II) | e | 3410 |  |
| <b>Fe-0-Pb-Ti</b>  |   |      |  |
| $\text{Pb}(\text{Fe}_x\text{Ti}_{1-x})\text{O}_3$  | e | 1168 |  |
| <b>Fe-0-Pb-Ti-W</b>  |   |      |  |
| $\text{PbFe}_x\text{Ti}_{1-1,5x}\text{W}_{0,5x}\text{O}_3$ (I)   | f | 2052 |  |
| $\text{PbFe}_x\text{Ti}_{1-1,5x}\text{W}_{0,5x}\text{O}_3$ (II)  | f | 2053 |  |
| <b>Fe-0-Pb-U</b>   |   |      |  |
| $\text{Pb}_3\text{Fe}_2\text{UO}_9$  | e | 514  |  |
| <b>Fe-0-Pb-W</b>   |   |      |  |
| $\text{PbFe}_{0,667}\text{W}_{0,333}\text{O}_3$  | f | 2044 |  |
|  | f | 2059 |  |
| $\text{Pb}_2\text{FeWO}_6$   | f | 2045 |  |
| <b>Fe-0-Pb-Zn</b>  |   |      |  |
| $\text{PbZn}_2\text{Fe}_{16}\text{O}_{27}$   | f | 3353 |  |
| <b>Fe-O-Pm</b>   |   |      |  |
| $\text{Pm}_3\text{Fe}_5\text{O}_{12}$  | f | 3244 |  |
| <b>Fe-0-Pr</b>   |   |      |  |
| $\text{PrFeO}_3$   | f | 3226 |  |
| $\text{Pr}_3\text{Fe}_5\text{O}_{12}$  | f | 3227 |  |
|  | f | 3233 |  |
| <b>Fe-0-Pr-Sb</b>  |   |      |  |
| $\text{Pr}_2\text{FeSbO}_7$  | c | 3172 |  |
| <b>Fe-0-Pr-Sc</b>  |   |      |  |
| $\text{PrSc}_{0,1}\text{Fe}_{0,9}\text{O}_3$   | f | 3231 |  |
| $\text{Pr}_3\text{Sc}_x\text{Fe}_{5-x}\text{O}_{12}$   | f | 3232 |  |
| <b>Fe-0-Pr-Si-Ti</b>   |   |      |  |
| $\text{Pr}_4\text{Fe}_2\text{Ti}_3\text{Si}_4\text{O}_{22}$  | d | 1049 |  |
| <b>Fe-0-Pr-Sm</b>  |   |      |  |
| $\text{Sm}_{1-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$   | f | 3254 |  |
| <b>Fe-0-Pr-Sr</b>  |   |      |  |
| $\text{SrPrFeO}_4$   | f | 3228 |  |
| <b>Fe-0-Pr-Ti</b>  |   |      |  |
| $\text{PrFeTiO}_5$   | e | 1162 |  |
| <b>Fe-0-Pr-Tm</b>  |   |      |  |
| $\text{Tm}_{3-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$   | f | 3324 |  |
| <b>Fe-0-Pr-Y</b>   |   |      |  |
| $\text{Pr}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$  | f | 3233 |  |
| <b>Fe-0-Pr-Yb</b>  |   |      |  |
| $\text{Yb}_{3-x}\text{Pr}_x\text{Fe}_5\text{O}_{12}$   | f | 3333 |  |
| <b>Fe-0-R-Ti-U</b>   |   |      |  |
| $(\text{Fe}^{II}, \text{Fe}^{III}, \text{R}, \text{U})_2(\text{Fe}^{III}, \text{Ti}^{IV})_5\text{O}_{12}$                    | e | 1167 |  |
| $(\text{R}, \text{U})_x(\text{U}, \text{Fe}^{II})(\text{Fe}^{III}, \text{Ti})_6\text{O}_{13-x}$                              | e | 1167 |  |
| <b>Fe-0-Rb</b>   |   |      |  |
| $\text{RbFeO}_2$   | f | 2978 |  |
| $\text{Rb}_2\text{Fe}_{14}\text{O}_{22}$   | f | 2979 |  |
| $\text{Rb}_2\text{Fe}_{22}\text{O}_{34}$   | f | 2979 |  |
| <b>Fe-0-Rb-S</b>   |   |      |  |
| $\text{RbFe}^{III}(\text{SO}_4)_2$   | b | 3389 |  |
| $\text{Rb}_2\text{Fe}_2^{II}(\text{SO}_4)_3$   | b | 3387 |  |
| $\text{Rb}_3\text{Fe}^{III}(\text{SO}_4)_3$  | b | 3388 |  |
| <b>Fe-0-Rb-Se</b>  |   |      |  |
| $\text{RbFe}(\text{SeO}_4)_2$  | b | 4323 |  |
| <b>Fe-0-Rb-Si</b>  |   |      |  |
| $\text{RbFe}^{III}\text{Si}_3\text{O}_8$   | d | 943  |  |
| <b>Fe-O-Rb-Ti</b>  |   |      |  |
| $\text{Rb}_2\text{Fe}_2\text{Ti}_6\text{O}_{16}$   | e | 1132 |  |
| <b>Fe-0-Rb-W</b>   |   |      |  |
| $\text{RbFe}_{0,333}\text{W}_{1,667}\text{O}_6$  | f | 2026 |  |
| <b>Fe-0-Re</b>   |   |      |  |
| $(\text{Fe}, \text{Re})\text{O}_x$   | b | 1430 |  |
| <b>Fe-0-Re-Sr</b>  |   |      |  |
| $\text{Sr}_2\text{FeReO}_6$  | f | 2888 |  |
| $\text{Sr}_2\text{Fe}_{1,333}\text{Re}_{0,667}\text{O}_6$  | f | 2889 |  |
| <b>Fe-0-Rh</b>   |   |      |  |
| $\text{FeRhO}_3$   | f | 3913 |  |
| $(\text{Rh}_x\text{Fe}_{1-x})_2\text{O}_3$   | b | 1530 |  |
| <b>Fe-O-S</b>  |   |      |  |
| $\text{FeSO}_4$ (I)  | b | 3375 |  |
| $\text{FeSO}_4$ (II)   | b | 3376 |  |
| $\text{Fe}_2(\text{SO}_4)_3$ (I)   | b | 3377 |  |
| $\text{Fe}_2(\text{SO}_4)_3$ (II)  | b | 3378 |  |
| <b>Fe-0-S-Tl</b>   |   |      |  |
| $\text{TlFe}^{III}(\text{SO}_4)_2$   | b | 3395 |  |
| $\text{Tl}_2\text{Fe}_2^{II}(\text{SO}_4)_3$   | b | 3394 |  |
| <b>Fe-0-Sb</b>   |   |      |  |
| $\text{FeSbO}_4$   | c | 3155 |  |
| $\text{FeSb}_2\text{O}_4$  | c | 3154 |  |
| $\text{FeSb}_2\text{O}_6$  | c | 3156 |  |
| <b>Fe-0-Sb-Sm</b>  |   |      |  |
| $\text{Sm}_2\text{FeSbO}_7$  | c | 3174 |  |
| <b>Fe-0-Sb-Sr</b>  |   |      |  |
| $\text{Sr}_2\text{FeSbO}_6$  | c | 3165 |  |
| $\text{Sr}_3\text{FeSb}_2\text{O}_9$   | c | 3166 |  |
| <b>Fe-0-Sb-Tb</b>  |   |      |  |
| $\text{Tb}_2\text{FeSbO}_7$  | c | 3177 |  |
| <b>Fe-0-Sb-Y</b>   |   |      |  |
| $\text{Y}_2\text{FeSbO}_7$   | c | 3169 |  |
| <b>Fe-0-Sb-Yb</b>  |   |      |  |
| $\text{Yb}_2\text{FeSbO}_7$  | c | 3181 |  |
| <b>Fe-0-Sb-Zn</b>  |   |      |  |
| $\text{Zn}_x\text{Fe}_{1-x}\text{Sb}_2\text{O}_6$  | c | 3168 |  |

## 2 Alphabetical formula index

|   |   |      |  |
|---|---|------|--|
| <b>Fe - O - SC</b>  |   |      |  |
| $\text{Fe}_x\text{Sc}_{2-x}\text{O}_3$ (I)  | b | 1379 |  |
| $\text{Fe}_x\text{Sc}_{2-x}\text{O}_3$ (II)   | b | 1380 |  |
| <b>Fe - O - Sc - Si</b>   |   |      |  |
| $\text{ScFeSi}_2\text{O}_7$   | d | 1004 |  |
| <b>Fe - O - Sc - Sm</b>   |   |      |  |
| $\text{Sm}_3\text{Sc}_x\text{Fe}_{5-x}\text{O}_{12}$  | f | 3252 |  |
| <b>Fe - O - Sc - Tb</b>   |   |      |  |
| $\text{TbSc}_x\text{Fe}_{5-x}\text{O}_{12}$   | f | 3286 |  |
| <b>Fe - O - Sc - Ti</b>   |   |      |  |
| $\text{Sc}_{-x}\text{Fe}_x\text{TiO}_5$   | e | 1157 |  |
| <b>Fe - O - SC - Y</b>  |   |      |  |
| $\text{Y}_3\text{Sc}_x\text{Fe}_{5-x}\text{O}_{12}$   | f | 3204 |  |
| <b>Fe - O - Sc - Yb</b>   |   |      |  |
| $\text{Yb}_3\text{Sc}_x\text{Fe}_{5-x}\text{O}_{12}$  | f | 3331 |  |
| <b>Fe - O - Se - Tl</b>   |   |      |  |
| $\text{TlFe}(\text{SeO}_4)_2$   | b | 4325 |  |
| <b>Fe - O - Si</b>  |   |      |  |
| $\text{Fe}_{1.5}\text{SiO}_4$   | d | 935  |  |
| $(\text{Fe}_2\text{O}_3)_x(\text{SiO}_2)_{1-x}$   | b | 1381 |  |
| $\text{Fe}_2\text{SiO}_4$ (I)   | d | 929  |  |
| $\text{Fe}_2\text{SiO}_4$ (II)  | d | 930  |  |
| $\text{Fe}_2\text{Si}_2\text{O}_6$ (I)  | d | 931  |  |
| $\text{Fe}_2\text{Si}_2\text{O}_6$ (II)   | d | 932  |  |
| $\text{Fe}_2\text{Si}_2\text{O}_6$ (III)  | d | 933  |  |
| $\text{Fe}_3^{\text{II}}\text{Fe}_2^{\text{III}}(\text{SiO}_4)_3$                           | d | 934  |  |
| $\text{Fe}_7\text{SiO}_{10}$ (I)  | d | 927  |  |
| $\text{Fe}_7\text{SiO}_{10}$ (II)   | d | 928  |  |
| $\text{Fe}_9\text{Si}_9\text{O}_{27}$   | d | 933  |  |
| <b>Fe - O - Si - Sr</b>   |   |      |  |
| $\text{SrFe}(\text{Si}_4\text{O}_{10})$   | d | 971  |  |
| $\text{Sr}_2\text{Fe}[\text{Si}_2\text{O}_7]$   | d | 971  |  |
| <b>Fe - O - Si - Y</b>  |   |      |  |
| $\text{Y}_3\text{Fe}_{5-x}\text{Si}_x\text{O}_{12}$   | d | 1008 |  |
| $\text{Y}_{3-x}\text{Fe}_x^{\text{II}}\text{Fe}_{5-y}^{\text{III}}\text{Si}_y\text{O}_{12}$ | d | 1009 |  |
| <b>Fe - O - Si - Zn</b>   |   |      |  |
| $(\text{Zn}_{1-x}\text{Fe}_x)_2\text{SiO}_4$ (I)  | d | 976  |  |
| $(\text{Zn}_{-x}\text{Fe}_x)_2\text{SiO}_4$ (II)  | d | 977  |  |
| <b>Fe - O - S m</b>   |   |      |  |
| $\text{SmFeO}_3$  | f | 3245 |  |
| $\text{Sm}_3\text{Fe}_5\text{O}_{12}$   | f | 3246 |  |
|   | f | 3255 |  |
|   | f | 3669 |  |
| <b>Fe - O - S m - Sr</b>  |   |      |  |
| $\text{SrSmFeO}_4$  | f | 3247 |  |
| $\text{SrSm}_2\text{Fe}_2\text{O}_7$  | f | 3248 |  |
| <b>Fe - O - S m - T i</b>   |   |      |  |
| $\text{SmFeTiO}_5$  | e | 1164 |  |
| <b>Fe - O - S m - T m</b>   |   |      |  |
| $\text{Tm}_{3-x}\text{Sm}_x\text{Fe}_5\text{O}_{12}$  | f | 3326 |  |
| <b>Fe - O - S m - Y</b>   |   |      |  |
| $\text{Sm}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$   | f | 3253 |  |
| <b>Fe - O - S m - Y b</b>   |   |      |  |
| $\text{Yb}_{3-x}\text{Sm}_x\text{Fe}_5\text{O}_{12}$  | f | 3335 |  |
| <b>Fe - O - S n</b>   |   |      |  |
| $\text{Fe}_2\text{SnO}_4$   | d | 3228 |  |
| $(\text{Fe}_2\text{SnO}_4)_{1-x}(\text{Fe}_3\text{O}_4)_x$                                  | d | 3229 |  |
| $\text{Fe}_2\text{SnO}_5$   | d | 3230 |  |
| $\text{Fe}_4\text{SnO}_8$   | d | 3230 |  |
| $\text{Fe}_6\text{SnO}_{11}$  | d | 3230 |  |
| <b>Fe - O - S n - S r - Y</b>   |   |      |  |
| $(\text{Sr}_x\text{Y}_{1-x})_3\text{Fe}_2(\text{Fe}_{1-x}\text{Sn}_x)_3\text{O}_{12}$       | d | 3238 |  |
| <b>Fe - O - S n - W</b>   |   |      |  |
| $(\text{SnO}_2)_x(\text{FeWO}_4)_{1-x}$   | f | 2043 |  |
| <b>Fe - O - Sr</b>  |   |      |  |
| $\text{SrFeO}_{3-x}$ (I)  | f | 3012 |  |
| $\text{SrFeO}_{3-x}$ (II)   | f | 3013 |  |
| $\text{SrFe}_{12}\text{O}_{19}$   | f | 3009 |  |
|   | f | 3183 |  |
|   | f | 3416 |  |
|   | f | 3010 |  |
| $(\text{SrO}_2)_x(\text{Fe}_2\text{O}_3)_y$ (I)   | f | 3010 |  |
| $\text{Sr}_2\text{FeO}_{4-x}$   | f | 3014 |  |
| $\text{Sr}_2\text{Fe}_2\text{O}_5$  | f | 3008 |  |
| $\text{Sr}_3\text{Fe}_2\text{O}_{6+x}$  | f | 3011 |  |
| $\text{Sr}_4\text{Fe}_3\text{O}_{10}$   | f | 3015 |  |
| <b>Fe - O - Sr - Ta</b>   |   |      |  |
| $\text{Sr}_2\text{Fe}^{\text{III}}\text{TaO}_6$ (I)   | e | 3384 |  |
| $\text{Sr}_2\text{Fe}^{\text{III}}\text{TaO}_6$ (II)  | e | 3385 |  |
| $\text{Sr}_3\text{FeTa}_2\text{O}_9$  | e | 3386 |  |
| <b>Fe - O - Sr - Ta - Ti</b>  |   |      |  |
| $\text{SrTi}_x(\text{Fe}_{0.5}\text{Ta}_{0.5})_{1-x}\text{O}_3$ (I)                         | e | 3400 |  |
| $\text{SrTi}_x(\text{Fe}_{0.5}\text{Ta}_{0.5})_{1-x}\text{O}_3$ (II)                        | e | 3401 |  |
| <b>Fe - O - Sr - Ta - Zn</b>  |   |      |  |
| $\text{SrZn}_{0.2}\text{Fe}_{0.2}^{\text{III}}\text{Ta}_{0.6}\text{O}_3$                    | e | 3392 |  |
| <b>Fe - O - Sr - Tb</b>   |   |      |  |
| $\text{SrTbFeO}_4$  | f | 3284 |  |
| $\text{SrTb}_2\text{Fe}_2\text{O}_7$  | f | 3285 |  |
| <b>Fe - O - Sr - Te</b>   |   |      |  |
| $\text{Sr}_2\text{Fe}^{\text{II}}\text{TeO}_6$  | b | 4782 |  |
| $\text{Sr}_3\text{Fe}_2^{\text{III}}\text{Te}^{\text{VI}}\text{O}_9$                        | b | 4783 |  |
| <b>Fe - O - k - T i</b>   |   |      |  |
| $\text{SrFe}_x\text{Ti}_{1-x}\text{O}_{3-y}$  | e | 1146 |  |
| <b>Fe - O - Sr - U</b>  |   |      |  |
| $\text{Sr}_3\text{Fe}_2\text{UO}_{9-x}$   | e | 501  |  |
| <b>Fe - O - Sr - U - W</b>  |   |      |  |
| $\text{Sr}_3\text{Fe}_2\text{U}_x\text{W}_{1-x}\text{O}_9$ (I)                              | f | 2041 |  |
| $\text{Sr}_3\text{Fe}_2\text{U}_x\text{W}_{1-x}\text{O}_9$ (II)                             | f | 2042 |  |
| <b>Fe - O - Sr - W</b>  |   |      |  |
| $\text{SrFe}_{0.667}\text{W}_{0.333}\text{O}_3$ (I)   | f | 2030 |  |
| $\text{SrFe}_{0.667}\text{W}_{0.333}\text{O}_3$ (II)  | f | 2031 |  |
| $\text{Sr}_2\text{FeWO}_6$ (I)  | f | 2032 |  |
| $\text{Sr}_2\text{FeWO}_6$ (II)   | f | 2033 |  |
| <b>Fe - O - Sr - Zn</b>   |   |      |  |
| $\text{SrZn}_2\text{Fe}_{16}\text{O}_{27}$  | f | 3056 |  |