

Al-Ca-Cr-H-O
Al-Ca-Cr-H-O-S
Al-Ca-Cr-H-O-Si
Al-Ca-Cr-Mg-O-Si
Al-Ca-Cr-Na-O-Si
Al-Ca-Cr-O
Al-Ca-Cr-O-Si
Al-Ca-Cs-F-Fe-H-K-Li-Mg-Mn-Na-O-Rb-Si-Ti
Al-Ca-Cs-F-Fe-H-K-Li-Mn-Na-Nb-O-Si-Ti-Zr
Al-Ca-Cs-H-Na-O-Si
Al-Ca-Cu-F-Fe-H-K-Li-Mg-Mn-Na-O-Si-Ti-Zn
Al-Ca-Cu-Fe-H-K-Na-O-Si
Al-Ca-Cu-H-O-Si
Al-Ca-D-H-O
Al-Ca-Dy-O
Al-Ca-Er-O
Al-Ca-Eu-O
Al-Ca-F
Al-Ca-F-Fe-H-K-Li-Mg-Mn-Na-Nb-O-Rb-Si-Ti
Al-Ca-F-Fe-H-K-Li-Mg-Mn-Na-O-P
Al-Ca-F-Fe-H-K-Li-Mg-Mn-Na-O-Rb-Si
Al-Ca-F-Fe-H-K-Li-Mg-Mn-Na-O-Rb-Si-Ti
Al-Ca-F-Fe-H-K-Li-Mg-Mn-Na-O-Si-Ti
Al-Ca-F-Fe-H-K-Mg-Mn-Na-Nb--O-R-Si-Sr-Th-Ti-Zr
Al-Ca-F-Fe-H-K-Mg-Mn-Na-O-Si
Al-Ca-F-Fe-H-K-Mg-Mn-Na-O-Si-Ti
Al-Ca-F-Fe-H-K-Mg-Mn-O-Si-Ti
Al-Ca-F-Fe-H-K-Mg-Na-O-Si
Al-Ca-F-Fe-H-K-Mg-Na-O-Si-Ti
Al-Ca-F-Fe-H-K-Mn-Na-O-P-Si-Y
Al-Ca-F-Fe-H-K-Na-Nb-O-R-Si-Sr-Th-Ti-Zr
Al-Ca-F-Fe-H-Li-Mg-Mn-Na-O-Si
Al-Ca-F-Fe-H-Li-Mg-Na-O-Si
Al-Ca-F-Fe-H-Mg-Mn-Na-Nb-O-Si-Ti-Zr
Al-Ca-F-Fe-H-Mg-Mn-Na-O-Si
Al-Ca-F-Fe-H-Mg-Mn-O-Si
Al-Ca-F-Fe-H-Mg-Na-O-Si
Al-Ca-F-Fe-H-Mg-O-Si
Al-Ca-F-Fe-H-Na-O-Si
Al-Ca-F-Fe-H-Na-O-Si-Ti
Al-Ca-F-Fe-H-O-P
Al-Ca-F-Fe-Mn-Na-Nb-O-Si-Ti
Al-Ca-F-Fe-Mn-Na-O-P-R-S-Si-Sr
Al-Ca-F-H-Li-O-P
Al-Ca-F-H-Mg-Na-O-Pb-Si
Al-Ca-F-H-Mg-Na-O-Si
Al-Ca-F-H-Mn-Na-O-P
Al-Ca-F-H-Na-O
Al-Ca-F-H-Na-O-P
Al-Ca-F-H-O
Al-Ca-F-H-O-P-R-Si
Al-Ca-F-H-O-P-Si-Y
Al-Ca-F-H-O-R-S
Al-Ca-F-H-O-S
Al-Ca-F-H-O-Sr
Al-Ca-F-Li
Al-Ca-F-Mg-Na-O-Si
Al-Ca-F-Na-O-Si
Al-Ca-F-O
Al-Ca-F-O-P
Al-Ca-F-O-P-Si-Th-Y
Al-Ca-Fe-Gd-O-Si
Al-Ca-Fe-Ge-O
Al-Ca-Fe-H-K-La-Mg-Nb-O-P-Si-Th-Ti
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si-Ti
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si-Zn
Al-Ca-Fe-H-K-Mg-Mn-O-Si
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Al-Ca-Fe-H-K-Mg-Na-O-Si-Sr
Al-Ca-Fe-H-K-Mg-Na-O-Si-Ti
Al-Ca-Fe-H-K-Mg-O-P-Si-X
Al-Ca-Fe-H-K-Mg-O-Si
Al-Ca-Fe-H-K-Mn-Na-O-Si
Al-Ca-Fe-H-K-Na-O-Si
Al-Ca-Fe-H-Li-Mg-Mn-Na-O-Si
Al-Ca-Fe-H-Mg-Mn-Na-O-P-R-Si
Al-Ca-Fe-H-Mg-Mn-Na-O-Si
Al-Ca-Fe-H-Mg-Mn-Na-O-Si-Ti
Al-Ca-Fe-H-Mg-Mn-Na-O-Si-Zn
Al-Ca-Fe-H-Mg-Mn-O-P
Al-Ca-Fe-H-Mg-Mn-O-P-Si-Sr
Al-Ca-Fe-H-Mg-Mn-O-Pb-Si-Sr
Al-Ca-Fe-H-Mg-Mn-O-R-Si
Al-Ca-Fe-H-Mg-Mn-O-Si
Al-Ca-Fe-H-Mg-Mn-O-Si-Ti
Al-Ca-Fe-H-Mg-Na-O-Si
Al-Ca-Fe-H-Mg-O-S
Al-Ca-Fe-H-Mg-O-Si
Al-Ca-Fe-H-Mg-O-Si-Ti
Al-Ca-Fe-H-Mn-O-P-Si
Al-Ca-Fe-H-Mn-O-Si
Al-Ca-Fe-H-Mn-O-Si-Ti
Al-Ca-Fe-H-Na-O-Si
Al-Ca-Fe-H-O
Al-Ca-Fe-H-O-P
Al-Ca-Fe-H-O-S
Al-Ca-Fe-H-O-Si
Al-Ca-Fe-K-Li-Na-O-Pb-Rb-Si-Sr
Al-Ca-Fe-K-Mg-Mn-Na-O-R-Si-Sr-Th-Ti
Al-Ca-Fe-K-Mg-Mn-Na-O-Si
Al-Ca-Fe-K-Mg-Na-O-Si
Al-Ca-Fe-K-Mg-Na-O-Si-Sr
Al-Ca-Fe-K-Mg-Na-O-Si-Ti
Al-Ca-Fe-K-Mg-O-P-Si
Al-Ca-Fe-K-Mg-O-Si
Al-Ca-Fe-K-Na-O-Si
Al-Ca-Fe-La-O-Si-Ti
Al-Ca-Fe-Mg-Mn-Na-O-Si
Al-Ca-Fe-Mg-Mn-Na-O-Si-Sr-Ti
Al-Ca-Fe-Mg-Mn-Na-O-Si-Ti
Al-Ca-Fe-Mg-Mn-Na-O-Si-Ti-V
Al-Ca-Fe-Mg-Mn-O-Si
Al-Ca-Fe-Mg-Mn-O-Si-Sn
Al-Ca-Fe-Mg-Mn-O-Si-Sr
Al-Ca-Fe-Mg-Mn-O-Si-Ti
Al-Ca-Fe-Mg-Mn-O-Si-V
Al-Ca-Fe-Mg-Mn-O-Si-Zn
Al-Ca-Fe-Mg-Na-O-Si
Al-Ca-Fe-Mg-Na-O-Si-Ti
Al-Ca-Fe-Mg-Nb-O-Si-Ti-Zr
Al-Ca-Fe-Mg-O
Al-Ca-Fe-Mg-O-Pb-Si
Al-Ca-Fe-Mg-O-R-Si-Ti
Al-Ca-Fe-Mg-O-Si
Al-Ca-Fe-Mg-O-Si-Ti

Al-Ca-Fe-Mn-O-Si
Al-Ca-Fe-O
Al-Ca-Fe-O-Pr-Si-Ti
Al-Ca-Fe-O-R-Si-Th-Ti
Al-Ca-Fe-O-Si
Al-Ca-Fe-O-Si-Ti
Al-Ca-Fe-O-Si-Y
Al-Ca-Fe-O-Si-Zr
Al-Ca-Fe-O-Ti-Zr
Al-Ca-Fe-O-Y-Zr
Al-Ca-Ga-Ge-O-Si
Al-Ca-Ga-Na-O-Si
Al-Ca-Ga-Nd-O
Al-Ca-Ga-O
Al-Ca-Ga-O-Si
Al-Ca-Gd-O
Al-Ca-Ge-H-Na-O
Al-Ca-Ge-H-O
Al-Ca-Ge-O
Al-Ca-Ge-O-Si
Al-Ca-Ge-O-Sr
Al-Ca-H-I-O
Al-Ca-H-I-O-S
Al-Ca-H-K-Mg-Mn-Na-O-Si
Al-Ca-H-K-Mg-Na-O-Si
Al-Ca-H-K-Mg-O-Si
Al-Ca-H-K-Na-O-Si
Al-Ca-H-K-Na-O-Si-Sr
Al-Ca-H-K-O-Si
Al-Ca-H-K-O-Si-Sr
Al-Ca-H-Li-O-Si
Al-Ca-H-Mg-Mn-O-Si
Al-Ca-H-Mg-Na-O-Si
Al-Ca-H-Mg-Na-O-Si-Zn
Al-Ca-H-Mg-O-Si
Al-Ca-H-Mg-O-Si-Ti
Al-Ca-H-Mn-Nb-O-Pb-Ta-Y
Al-Ca-H-Mn-O
Al-Ca-H-Mn-O-Si

2 Alphabetisches Formelverzeichnis

Al-Ca-Cr-H-O		Al-Ca-F	
$\text{Ca}_2\text{Al}(\text{CrO}_4)_{0,5}(\text{OH})_6 \cdot n\text{H}_2\text{O}$	f 326	CaAlF_5 (I)	a 688
$\text{Ca}_2\text{Al}(\text{OH})_6(\text{CrO}_4)_{0,5} \cdot 3\text{H}_2\text{O}$	d 7993	CaAlF_5 (II)	a 689
$\text{Ca}_3(\text{Cr}_x\text{Al}_{1-x})_2(\text{OH})_{12}$	f 275	Al-Ca-F-Fe-H-K-Li-Mg-	
$\text{Ca}_6\text{Al}_2(\text{CrO}_4)_3(\text{OH})_{12} \cdot 24\text{H}_2\text{O}$	f 325	Mn-Na-Nb-O-Rb-Si-Ti	
Al-Ca-Cr-H-O-S		$(\text{Rb},\text{K},\text{Na},\text{Ca})(\text{Li},\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al},$	
$\text{Ca}_4(\text{Al}_{1-x}\text{Cr}_x)_2\text{SO}_4(\text{OH})_{12} \cdot 6\text{H}_2\text{O}$	b 3900	$\text{Ti},\text{Nb},\text{Mn})_3[(\text{Al},\text{Si})_4\text{O}_{10} \cdot$	
Al-Ca-Cr-H-O-Si		$(\text{OH},\text{F})_2]$	d 1695
$\text{Ca}_3(\text{Al},\text{Cr})_2[(\text{Si},\text{H}_4)\text{O}_4]_3$	d 1834	Al-Ca-F-Fe-H-K-Li-Mg-	
Al-Ca-Cr-Mg-O-Si		Mn-Na-O-P	
$(\text{CaMg}_{1-x}\text{Cr}_x^{\text{III}})[\text{Si}_{2-x}\text{Al}_x\text{O}_6]$	d 857	$(\text{Na},\text{K},\text{Li},\text{Ca})_{0,5}(\text{Fe},\text{Mn},\text{Al},$	
Al-Ca-Cr-Na-O-Si		$\text{Mg})_{\approx 1,2}(\text{PO}_4)(\text{F},\text{OH})_{0,25}$	c 2021
$\text{Ca}_2\text{Na}_6[(\text{AlSiO}_4)_6(\text{CrO}_4)_2]$	d 2102	Al-Ca-F-Fe-H-K-Li-Mg-	
Al-Ca-Cr-O		Mn-Na-O-Rb-Si	
$\text{Ca}_4\text{Al}_6\text{CrO}_{16}$	d 7943	$(\text{Rb},\text{K},\text{Na},\text{Ca})(\text{Li},\text{Mg},\text{Al},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},$	
$\text{Ca}_8\text{Al}_{12}\text{O}_{24}(\text{CrO}_4)_2$	f 287	$\text{Mn})_3[(\text{Al},\text{Si})_4\text{O}_{10}(\text{O},\text{OH},\text{F})_2]$	d 1698
Al-Ca-Cr-O-Si		$(\text{Rb},\text{K},\text{Na},\text{Ca})(\text{Li},\text{Mg},\text{Fe}^{\text{II}},\text{Al},\text{Mn}) \cdot$	
$\text{Ca}_3(\text{Al}_{1-x}\text{Cr}_x)_2(\text{SiO}_4)_3$	d 856	$[(\text{Al},\text{Si})_4\text{O}_{10}(\text{OH},\text{F})_2]$	d 1697
Al-Ca-Cs-F-Fe-H-K-Li-		Al-Ca-F-Fe-H-K-Li-Mg-	
Mg-Mn-Na-O-Rb-Si-Ti		Mn-Na-O-Rb-Si-Ti	
$(\text{Cs},\text{Rb},\text{K},\text{Na})(\text{Li},\text{Ca},\text{Mg},\text{Fe},\text{Mn},$		$(\text{Rb},\text{K},\text{Na},\text{Ca})(\text{Li},\text{Mg},\text{Mn},\text{Fe}^{\text{II}},$	
$\text{Al})_3[(\text{Al},\text{Ti},\text{Si})_4\text{O}_{10}(\text{OH},\text{F})_2]$	d 1913	$\text{Fe}^{\text{III}},\text{Al},\text{Ti})_3[(\text{Al},\text{Si})_4\text{O}_{10} \cdot$	
Al-Ca-Cs-F-Fe-H-K-Li-		$(\text{OH},\text{F})_2]$	d 1999
Mn-Na-Nb-O-Si-Ti-Zr		Al-Ca-F-Fe-H-K-Li-Mg-	
$(\text{Cs},\text{K},\text{Na},\text{Ca})_3(\text{Li},\text{Mn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}})_7 \cdot$		Mn-Na-O-Si-Ti	
$(\text{Zr},\text{Ti},\text{Nb})_2[(\text{Al},\text{Si})_8\text{O}_{24} \cdot$		$(\text{K},\text{Na},\text{Li},\text{Ca})_2(\text{Mg},\text{Fe}^{\text{II}},\text{Mn})_3 \cdot$	
$(\text{O},\text{OH},\text{F})_7]$	d 2024	$(\text{Fe}^{\text{III}},\text{Al},\text{Ti})_2[(\text{Al},\text{Si})_4\text{O}_{11} \cdot$	
Al-Ca-Cs-H-Na-O-Si		$(\text{O},\text{OH},\text{F})_2]$	d 1712
$(\text{Cs}_2,\text{Na}_2,\text{Ca})_2[\text{Al}_4\text{Si}_8\text{O}_{24}] \cdot x\text{H}_2\text{O}$	d 1307	Al-Ca-F-Fe-H-K-Mg-Mn-	
Al-Ca-Cu-F-Fe-H-K-Li-		Na-Nb-O-R-Si-Sr-Th-	
Mg-Mn-Na-O-Si-Ti-Zn		Ti-Zr	
$(\text{K},\text{Na},\text{Ca})_2(\text{Cu},\text{Li},\text{Zn},\text{Mg},\text{Fe}^{\text{II}},$		$(\text{K},\text{Na},\text{Sr},\text{Ca})_3(\text{Ca},\text{Mg},\text{Th},\text{R})_4 \cdot$	
$\text{Mn})_3(\text{Al},\text{Fe}^{\text{III}},\text{Ti})_2[(\text{Al},\text{Si})_4\text{O}_{11} \cdot$		$(\text{Zr},\text{Ti},\text{Nb},\text{Mn},\text{Fe},\text{Al})[(\text{Si}_2\text{O}_7) \cdot$	
$(\text{OH},\text{F})_2]$	d 1880	$(\text{O},\text{OH},\text{F})_2]_2]$	d 1832
Al-Ca-Cu-Fe-H-K-Na-		Al-Ca-F-Fe-H-K-Mg-Mn-	
O-Si		Na-O-Si	
$(\text{K},\text{Na},\text{Ca})_x(\text{Cu},\text{Al},\text{Fe}^{\text{III}})_{<3} \cdot$		$(\text{K},\text{Na},\text{Ca})_3(\text{Mg},\text{Mn},\text{Fe},\text{Al})_5 \cdot$	
$[(\text{Al},\text{Si})_4\text{O}_{10}(\text{OH})_2] \cdot 4\text{H}_2\text{O}$	d 1672A	$[\text{Si}_8\text{O}_{22}(\text{OH},\text{F})_2]$	d 2012
	d 2321	$(\text{K},\text{Na})\text{Ca}_2(\text{Mg},\text{Mn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}})_5 \cdot$	
Al-Ca-Cu-H-O-Si		$[(\text{Al}_{1,5}\text{Si}_{6,5}\text{O}_{22})(\text{OH},\text{F})_2]$	d 2011
$\text{Cu}_2\text{Ca}_2\text{Al}_2[\text{Si}_4\text{O}_{12}(\text{OH})_6]$	d 1733	Al-Ca-F-Fe-H-K-Mg-Mn-	
$\text{Cu}_2\text{Ca}_{10}\text{Al}_4[\text{Si}_9\text{O}_{34}(\text{OH})_4]$	d 1732	Na-O-Si-Ti	
Al-Ca-D-H-O		$(\text{K},\text{Na},\text{Ca})_{10}(\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al},\text{Ti},$	
$\text{Ca}_3\text{Al}_2(\text{OH})_{2,6}(\text{OD})_{9,4}$	d 7896	$\text{Mn})_2\text{Al}_4[(\text{Si}_9\text{O}_{34})(\text{O},\text{OH},\text{F})_4]$	d 1947
Al-Ca-Dy-O		$(\text{K},\text{Na},\text{Ca})_2(\text{Mg},\text{Fe}^{\text{II}},\text{Mn})_3 \cdot$	
CaDyAlO_4	d 7803	$(\text{Fe}^{\text{III}},\text{Al},\text{Ti})_2[(\text{Al},\text{Si})_4\text{O}_{11} \cdot$	
Al-Ca-Er-O		$(\text{O},\text{OH},\text{F})_2]$	d 1931
CaErAlO_4	d 7814	$(\text{K},\text{Na},\text{Ca})(\text{Mg},\text{Mn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al},$	
Al-Ca-Eu-O		$\text{Ti})_2[(\text{Al},\text{Si})_4\text{O}_{10}(\text{OH},\text{F})_2]$	d 1937
CaEuAlO_4	d 7767		d 1938
$\text{CaEuAl}_3\text{O}_7$	d 7768	$(\text{K},\text{Na},\text{Ca})(\text{Mg},\text{Mn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Ti},$	
		$\text{Al})_3[(\text{Al},\text{Si})_4\text{O}_{10}(\text{OH},\text{F})_2]$	d 2006

2 Alphabetical formula index

$(K,Na,Ca)_{2...3}(Mg,Mn,Fe^{II},Fe^{III},Ti,Al)_5[(Al,Si)_8O_{22}(OH,F)_2]$	d 1952	Al - Ca - F - Fe - H - Mg - Mn - O - Si	$(Ca,Mg,Mn,Fe)_7[(Al,Si)_8O_{22}(OH,F)_2]$	d 1884
$(Na,K,Ca)_2(Mg,Fe^{II},Fe^{III},Mn)_5 \cdot [(Si,Al,Ti)_4O_{11}(OH,F)]_2 \cdot nH_2O$	d 2010	Al - Ca - F - Fe - H - K - Mg - Mn - O - Si - Ti	$(Na,Ca)_3(Mg,Fe^{II},Al,Fe^{III})_5 \cdot [(Al,Si)_4O_{11}(OH,F)]_2$	d 1930
$K_{1,72}Ca_{0,25}(H_3O)_{0,03}[Mg_{0,10} \cdot Mn_{0,04}Fe_{2,64}^{II}Fe_{0,09}^{III}Al_{2,04}] \cdot [Al_{2,01}Si_{5,97}Ti_{0,02}O_{20,00}\{O_{0,18} \cdot (OH)_{2,85}F_{0,97}\}]$	d 2008	Al - Ca - F - Fe - H - K - Mg - Na - O - Si	$Na_{2,5}Ca_{0,5}(Mg,Fe^{II},Fe^{III},Al)_5 \cdot [Al_{0,5}Si_{7,5}O_{22}(OH,F)_2]$	d 1714
$(K,Na,Ca)_{2...3}(Mg,Fe^{II},Fe^{III},Al)_5 \cdot [(Al,Si)_2Si_6O_{22}(OH,F)_2]$	d 1952	Al - Ca - F - Fe - H - K - Mg - Na - O - Si	$Na_{2,5}Ca_{0,5}(Mg,Fe^{II},Fe^{III},Al)_5 \cdot [Al_{0,5}Si_{7,5}O_{22}(O,OH,F)_2]$	d 1950
$(K,Na)_{0,5...1,0}Ca_2(Mg,Fe^{II})_{3...4} \cdot (Fe^{III},Al)_{2...1}[Al_2Si_6O_{22}(O,OH,F)_2]$	d 1953	Al - Ca - F - Fe - H - Na - O - Si	$Ca_2Mg_3(Al,Fe^{III})_2[Al_2Si_6O_{22}(OH,F)_2]$	d 1948
$(K,Na)Ca_2(Mg,Fe^{II},Fe^{III})_4Ti \cdot [(Al_2Si_6O_{22})(O,OH,F)_2]$	d 1975	Al - Ca - F - Fe - H - Na - O - Si	$NaCa_2Fe_4^{II}Al[Al_2Si_6O_{22}(OH,F)_2]$	d 1943
$(Y_{2,905}Ca_{1,388}Mn_{0,424}Fe_{0,115}^{III} \cdot Fe_{0,100}^{II}Al_{0,040}Na_{0,023}K_{0,015}) \cdot (Si_{2,694}P_{0,204}Al_{0,102})O_{12}(F_{0,581} \cdot (OH)_{0,279}O_{0,140})$	d 2187	Al - Ca - F - Fe - H - K - Mg - Na - O - Si - Ti	$NaCa_2Fe_4^{II}(Fe^{III},Al)[Al_2Si_6O_{22}(OH,F)_2]$	d 1945
$(K,Na,Sr,Ca,Fe^{II},Th,R)(Fe^{III},Al,Nb,Zr,Ti,Si)(O,OH,F)_3$	e 751	Al - Ca - F - Fe - H - K - Mg - Na - O - P - Si - Y	$NaCa_2Fe_4^{II}(Al,Ti)[Al_2Si_6O_{22}(O,OH,F)_2]$	d 1739
$(Na,Li,Ca,Mg)^{2\oplus}(Mg,Fe^{II},Fe^{III},Al,Mn^{II})^6Al_2[(Al,Si)_4O_{11}(OH,F)]_2$	d 1712	Al - Ca - F - Fe - H - K - Na - Nb - O - R - Si - Sr - Th - Ti - Zr	$(Ca,Fe)_2(Al,Fe)_4(PO_4)_4(OH,F)_4$	c 2370
$Na_{2,5}Ca_{0,5}(Li,Mg,Fe^{II},Al,Fe^{III})_5 \cdot [Al_{0,5}Si_{7,5}O_{22}(OH,F)_2]$	d 1930	Al - Ca - F - Fe - H - Li - Mg - Mn - Na - O - Si	Al - Ca - F - Fe - H - O - P	
$(Na,Ca)_4(Mg,Mn,Fe^{II})(Ti,Nb,Al,Fe^{III})(Zr,Ti)_2[(Si_2O_7)O(OH,F)]_2$	d 1875	Al - Ca - F - Fe - H - Li - O - P	$(Ca,Fe)_2(Al,Fe)_4(PO_4)_4(OH,F)_4$	c 2370
$Na_x(Ca,Mg,Fe^{II},Mn)_2[(Ca,Mg,Fe^{II},Mn)_{5-y}(Al,Fe^{III})_y] \cdot (Al_{x+y}Si_{8-x-y})O_{22}(OH,F)_2$	d 1934	Al - Ca - F - H - Li - O - P	$Na_{0,10}Ca_{3,25}Mn_{0,07}Nb_{0,55}Fe_{0,02} \cdot Ti_{0,01}Al_{0,1}Si_{1,9}O_8(O,F)$	d 1831
		Al - Ca - F - H - Mg - Na - O - Pb - Si	Al - Ca - F - Fe - Mn - Na - O - P - R - S - Si - Sr	
		$Na(Ca,Pb)_2Mg_4Al[Al_2Si_6O_{22}(OH,F)_2]$	$(Na_{0,13}Sr_{0,01}Ca_{8,81}Mn_{0,03} \cdot (R)_{0,33}Fe_{0,02}^{III}Al_{0,24})[Si_{0,08}P_{5,63} \cdot S_{0,37}O_{24}]F_{2,06}$	d 2181
		$(Na,Ca,Mg,Al)_{13}Si_{10}O_{28} \cdot (O,OH,F)_{10} \cdot 6H_2O$	Al - Ca - F - H - Mg - Na - O - Si	d 2256
		$NaCa_2Mg_4Al[Al_2Si_6O_{22}(OH,F)_2]$	$NaCa_2Mg_5[AlSi_7O_{22}(OH,F)_2]$	d 1739
		$(Mn,Na,Ca)_3(Al,Mn)_2[PO_3(OH,F)]_3$	Al - Ca - F - H - Mn - Na - O - P	d 1738
		Al - Ca - F - H - Na - O	$NaCaAlF_6 \cdot H_2O$ (I)	a 2089
		$NaCaAlF_6 \cdot H_2O$ (II)	$NaCaAlF_6 \cdot H_2O$ (II)	a 2090

2 Alphabetisches Formelverzeichnis

Al-Cs-F-H-Na-O-P			
$\text{NaCa}_2\text{Al}_2(\text{PO}_4)_2(\text{F},\text{OH})_5 \cdot 2\text{H}_2\text{O}$	c	2375	
$\text{NaCa}_2\text{Al}_2(\text{PO}_4)_2(\text{OH},\text{F})_5 \cdot 1,5\text{H}_2\text{O}$	c	2375	
Al-Ca-F-H-O			
$\text{CaAl}_2(\text{F},\text{OH})_8$	d	7949	
$\text{CaAl}_2(\text{OH})_4\text{F}_4$	d	7949	
$\text{CaAl}_2\text{O}_2\text{F}_4 \cdot 2\text{H}_2\text{O}$	d	7949	
$\text{Ca}_2\text{Al}_2\text{OF}_8 \cdot 3\text{H}_2\text{O}$	d	7948	
$\text{Ca}_3[\text{AlF}_5(\text{OH})]_2 \cdot \text{H}_2\text{O}$	d	7950	
$\text{Ca}_3\text{Al}_2\text{OF}_{10} \cdot 2\text{H}_2\text{O}$	d	7950	
Al-Ca-F-H-O-P-R-Si			
$(\text{Ca},\text{R})_{2,06}(\text{Si},\text{Al},\text{P})_{1,14}(\text{O},\text{OH},\text{F})_{5,37}$	d	I777	
Al-Ca-F-H-O-P-Si-Y			
$(\text{Ca}_{0,634}\text{Y}_{0,636})_{10}(\text{Si}_{0,903}\text{Al}_{0,037}\text{P}_{0,060})_6\text{O}_{12}(\text{OH},\text{F})_{1,25}\text{O}_{0,50}$	d	2187	
Al-Ca-F-H-O-R-S			
$(\text{Ca}_3\text{R})[(\text{AlF}_6)_2\text{SO}_4(\text{OH})] \cdot 11\text{H}_2\text{O}$	b	3835	
Al-Ca-F-H-O-S			
$\text{Ca}_3\text{Al}_2\text{SO}_4(\text{OH})_2\text{F}_8 \cdot 2\text{H}_2\text{O}$	b	3933	
Al-Ca-F-H-O-Sr			
$(\text{Sr},\text{Ca})_2[\text{Al}_2\text{F}_8(\text{OH})_2] \cdot 2\text{H}_2\text{O}$	d	7951	
Al-Ca-F-Li			
LiCaAlF_6	a	690	
Al-Ca-F-Mg-Na-O-Si			
$\text{NaCa}_2\text{Mg}_5[(\text{AlSi}_7\text{O}_{22})\text{F}_2]$	d	I512	
Al-Ca-F-Na-O-Si			
$(\text{Ca}_2\text{Al}[(\text{Al},\text{Si})_2\text{O}_7])_{1-x}(\text{NaF})_x$	d	1569	
$(\text{Na},\text{Ca})_2\text{Al}[(\text{Al},\text{Si})_2(\text{O},\text{F})_7]$	d	1569	
Al-Ca-F-O			
$\text{CaAl}_{10}\text{O}_{15}\text{F}_2$	d	7928	
$\text{Ca}_2\text{Al}_3\text{O}_6\text{F}$	d	7921	
$\text{Ca}_6\text{Al}_7\text{O}_{16}\text{F}$	d	7926	
Al-Ca-F-O-P			
$(\text{Ca},\text{Al})_{10}(\text{P},\text{Al})\text{O}_4]_6\text{F}_2$	c	2234	
Al-Ca-F-O-P-Si-Th-Y			
$(\text{Ca},\text{Th},\text{Y})_{10}[(\text{SiO}_4),(\text{PO}_4),(\text{AlO}_4)]_6 \cdot (\text{O},\text{F})_2$	d	2187	
Al-Ca-Fe-Cd-O-Si			
$(\text{Ca}_{1-x}\text{Gd}_x)_3(\text{Al}_{1-x}\text{Fe}_x)_2[(\text{SiO}_4)_{1-x} \cdot (\text{FeO}_4)_x]_3$	d	1022	
Al-Ca-Fe-Ge-O			
$\text{Ca}_3\text{AlFe}(\text{GeO}_4)_3$	d	2920	
Al-Ca-Fe-H-K-La-Mg-Nb-O-P-Si-Tl-Ti			
$(\text{H}_2\text{O})_{12}\text{K}_{0,4}\text{Ca}_{0,45}\text{La}_{0,63}\text{Th}_{0,26} \cdot \text{Ti}_{1,67}\text{Nb}_{0,47}\text{Fe}_{0,57}\text{Mg}_{0,4}\text{Al}_{2,2} \cdot \text{Si}_{9,3}\text{P}_{2,45}\text{O}_{21,3}$	d	2358	
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si			
$(\text{K},\text{Na},\text{Ca})(\text{Mg},\text{Mn},\text{Fe}^{\text{II}})[\text{Al}_4\text{Si}_5\text{O}_{18}] \cdot 0,5\text{H}_2\text{O}$	d	1325	
$(\text{K},\text{Na},\text{Ca},\text{Mn},\text{Fe}^{\text{II}},\text{Mg},\text{Al},\text{Fe}^{\text{III}})_7 \cdot [(\text{Al},\text{Si})_4\text{O}_{11}(\text{O},\text{OH})]_2$	d	1883	
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si-Ti			
$(\text{K},\text{Na},\text{Ca})_3(\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al},\text{Mn},\text{Ti})_5[(\text{Al},\text{Si})_8(\text{O},\text{OH})_{24}]$	d	1976	
$(\text{K},\text{Na},\text{Ca})_{<2}(\text{Mg},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Mn},\text{Ti},\text{Al})_5[\text{Si}_8\text{O}_{22}(\text{OH})_2]$	d	2011	
$(\text{K},\text{Na},\text{Ca})(\text{Mg},\text{Fe}^{\text{II}},\text{Mn})_3 \cdot [(\text{Al},\text{Fe}^{\text{IV}},\text{Ti},\text{Si})_4\text{O}_{10}(\text{OH})_2]$	d	1894	
$(\text{K},\text{Na},\text{Ca})_{>2}(\text{Mg},\text{Fe}^{\text{II}},\text{Mn})_{>3} \cdot (\text{Fe}^{\text{III}},\text{Ti},\text{Al})_{<2}[(\text{Al},\text{Si})_8\text{O}_{22} \cdot (\text{O},\text{OH})_2]$	d	1953	
$(\text{K},\text{Na},\text{Ca})_2(\text{Mg},\text{Fe}^{\text{II}},\text{Mn},\text{Ti},\text{Al})_3 \cdot (\text{Fe}^{\text{III}},\text{Al})_2[\text{Si}_4\text{O}_{11}(\text{OH})]_2$	d	1931	
$(\text{K},\text{Na},\text{Ca})_2(\text{Mg},\text{Fe}^{\text{II}},\text{Ti},\text{Mn})_3 \cdot (\text{Al},\text{Fe}^{\text{III}})_2[\text{Al}_2\text{Si}_6\text{O}_{22}(\text{OH})_2]$	d	1954	
$(\text{K},\text{Na},\text{Ca},\text{Mg},\text{Mn})_2(\text{Al},\text{Fe},\text{Mn},\text{Ti})_3[\text{Si}_3\text{O}_{12}(\text{OH})]$	d	2009	
$(\text{K},\text{Na},\text{Ca})_4(\text{Mg},\text{Mn},\text{Fe},\text{Al},\text{Ti})_{48} \cdot [(\text{Al},\text{Si})_{72}(\text{O},\text{OH})_{216}] \cdot n\text{H}_2\text{O}$	d	2319	
$(\text{K},\text{Na},\text{Ca},\text{Mg},\text{Mn})(\text{Fe}^{\text{III}},\text{Al},\text{Ti}^{\text{III,IV}},\text{Si})_6\text{O}_{12} \cdot 4\text{H}_2\text{O}$	e	1260	
$(\text{K},\text{Na},\text{Ca},\text{Mn})_3(\text{Mg},\text{Mn},\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Ti},\text{Al})_5[(\text{Al},\text{Si})_8\text{O}_{22}(\text{OH})_2]$	d	1944	
$(\text{K},\text{Na})(\text{Na},\text{Ca})_2(\text{Mg},\text{Fe},\text{Mn},\text{Al},\text{Ti})_5[(\text{Al},\text{Si})_8\text{O}_{22}(\text{O},\text{OH})_2]$	d	2021	
Al-Ca-Fe-H-K-Mg-Mn-Na-O-Si-Zn			
$(\text{K},\text{Na},\text{Ca})_{0,5}(\text{Zn},\text{Mg},\text{Mn},\text{Fe}^{\text{II}},\text{Al})_{4,8}[\text{Si}_6\text{O}_{15}(\text{OH})_5] \cdot 2\text{H}_2\text{O}$	d	2335	
Al-Ca-Fe-H-K-Mg-Mn-O-Si			
$(\text{K},\text{Ca},\text{Mg})_{0,39}(\text{Mg},\text{Mn},\text{Fe},\text{Al})_2 \cdot [(\text{Al},\text{Si})_4\text{O}_{10}(\text{OH})_2] \cdot x\text{H}_2\text{O}$	d	2334	
Al-Ca-Fe-H-K-Mg-Na-O-Si			
$(\text{Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al},\text{Mg},\text{Ca})_{\approx 5,4} \cdot (\text{K},\text{Na})_{0,3}[(\text{Si}_4\text{O}_{10})(\text{OH})_8]$	d	1879	
$\text{K}_{0,02}\text{Na}_{0,01}\text{Ca}_{0,15}\text{Mg}_{1,54}\text{Fe}^{\text{II}}_{0,50} \cdot \text{Fe}^{\text{III}}_{0,74}[\text{Al}_{0,53}\text{Si}_{3,43}\text{O}_{10}(\text{OH})_2] \cdot 4,5\text{H}_2\text{O}$	d	2321	
$(\text{K}_{0,58}\text{Na}_{0,09}\text{Ca}_{0,57})(\text{Mg}_{0,04}\text{Fe}_{0,07} \cdot \text{Al}_{1,2,05})(\text{Al}_{2,28}\text{Si}_{13,72})\text{O}_{40} \cdot (\text{OH})_{..} \cdot 8,88\text{H}_2\text{O}$	d	2282	
$(\text{K}_{0,7}\text{Na}_{0,2}\text{Ca}_{0,2})(\text{Mg}_{0,5}\text{Fe}_{0,2}\text{Al}_{1,3}) \cdot [\text{Al}_{0,8}\text{Si}_{3,2}\text{O}_{10}(\text{OH})_2] \cdot x\text{H}_2\text{O}$	d	2323	
$(\text{K},\text{Na},\text{Ca})_{<1}(\text{Al},\text{Fe},\text{Mg})_2 \cdot [\text{Al}_{0,35}\text{Si}_{3,65}\text{O}_{10}(\text{OH})_2]$	d	1955	

2 Alphabetical formula index

$(\text{K,Na,Ca,Mg})_{4,38}(\text{Al,Fe})_{7,07} \cdot \text{Si}_{19,60}\text{O}_{54} \cdot 14,11\text{H}_2\text{O}$	d 1351	$[\text{K}_{1,30}\text{Na}_{0,38}(\text{H}_3\text{O})_{0,43}^\oplus] \cdot [(\text{Al}_{3,88}\text{Ca}_{0,04}\text{Fe}_{0,03})(\text{Al}_{1,89} \cdot \text{Si}_{6,11})\text{O}_{20}][\text{OH}]_4$	d 2275
$(\text{K,Na,Ca})_{\approx 0,8}(\text{Mg,Fe,Al})_9 \cdot [(\text{Al,Si})_8\text{O}_{20}(\text{OH})_{10}] \cdot \approx 5\text{H}_2\text{O}$	d 2322	Al-Ca-Fe-H-Li-Mg-Mn-Na-O-Si	
$(\text{K,Na,Ca,Mg,Fe})[(\text{Al,Si})_9\text{O}_{18}] \cdot x\text{H}_2\text{O}$	d 1369	$(\text{Na,Li})\text{H}(\text{Ca,Mg,Fe,Al,Mn})_4\text{Si}_5 \cdot \mathcal{C}_{15}$	d 870
$(\text{K,Na})_{1,5}(\text{Ca,Mg})_2(\text{Fe,Al})_{5,5}\text{Si}_{30,5} \cdot 0,72 \cdot 18\text{H}_2\text{O}$	d 1330	Al-Ca-Fe-H-Mg-Mn-Na-O-P-R-Si	
$(\text{K,Na,Ca,Mg,Fe})_6[\text{Al}_{10}\text{Si}_{26}\text{O}_{72}] \cdot x\text{H}_2\text{O}$	d 1369	$(\text{Na}_{0,77}\text{Ca}_{4,32}\text{Mn}_{0,12}\text{Mg}_{0,07} \cdot (\text{R})_{5,49}\text{Fe}_{0,15}\text{Al}_{0,57})[(\text{Si}_{4,98}\text{P}_{1,01}) \cdot \text{O}_{24}(\text{O,OH})_2]$	d 2181
$(\text{K,Na,Ca})(\text{Mg,Fe}^{\text{II}},\text{Al})_2[(\text{Al,Si})_4 \cdot \text{O}_{10}(\text{OH})_2]$	d 1684	Al-Ca-Fe-H-Mg-Mn-Na-O-Si	
$(\text{K,Na,Ca})(\text{Mg,Fe}^{\text{II}})_2(\text{Al,Fe}^{\text{II}},\text{Fe}^{\text{III}})_3 \cdot [(\text{Al,Si})_{12}\text{O}_{30}] \cdot \text{H}_2\text{O}$	d 1485	$(\text{Na,Ca,Fe}^{\text{II}})_2\text{Al}_2(\text{Mg,Fe}^{\text{II}},\text{Fe}^{\text{III}},\text{Al}, \text{Mn}^{\text{II}})[((\text{Al,Si})\text{O}_4)((\text{Al,Si})_2 \cdot (\text{O,OH})_7)]$	d 2320
$(\text{K,Na,Ca})_2(\text{Mg,Fe}^{\text{II}})_3(\text{Al,Fe}^{\text{III}})_2 \cdot [\text{Al}_2\text{Si}_6\text{O}_{22}(\text{OH})_2]$	d 1954	$(\text{Na,Ca,Mg,Fe,Al,Mn})_2(\text{Al,Si})_2 \cdot (\text{O,OH})_6$	d 966
$(\text{K,Na,Ca})(\text{Mg,Fe}^{\text{III}},\text{Al})_2[(\text{Al,Si})_4 \cdot \text{O}_{10}(\text{OH})_2]$	d 1685	$(\text{Na,Ca,Mg,Mn,Fe})_{\approx 2}[(\text{Al,Fe}^{\text{III}})_4 \cdot \text{Si}_5\text{O}_{18}] \cdot 0,67\text{H}_2\text{O}$	d 1491
$\text{K}_{2,06}\text{Na}_{1,32}\text{Ca}_{0,72}\text{Mg}_{2,49}\text{Fe}_{0,34}^{\text{II}} \cdot \text{Al}_{13,16}\text{Si}_{23,60}\text{O}_{72} \cdot 27,6\text{H}_2\text{O}$	d 1390	$(\text{Na,Ca,Mn,Fe}^{\text{II}},\text{Mg,Al,Fe}^{\text{III}})_7 \cdot [(\text{Al,Si})_4\text{O}_{11}(\text{O,OH})_2]$	d 1885
Al-Ca-Fe-H-K-Mg-Na-O-Si-Sr		$(\text{Na,Ca,Mn,Mg,Fe})_{6,09}[(\text{Al,Si})_{7,99} \cdot \text{O}_{22}(\text{OH})_2]$	d 1993
$(\text{K}_2,\text{Na}_2,\text{Sr,Ca,Mg})_2[(\text{Al,Fe})_4\text{Si}_{14} \cdot \text{O}_{36}] \cdot 14\text{H}_2\text{O}$	d 1486	Al-Ca-Fe-H-Mg-Mn-Na-O-Si-Ti	
Al-Ca-Fe-H-K-Mg-Na-O-Si-Ti		$(\text{K,Na,Ca})_{1,45}(\text{Mg,Al,Fe,Ti})_4 \cdot [(\text{Al,Si})_8\text{O}_{20}(\text{OH})_4] \cdot 4,25\text{H}_2\text{O}$	d 2324
$(\text{K,Na,Ca})(\text{Mg,Fe,Al})_2[\text{Al} \cdot (\text{Si,Ti})_3\text{O}_{10}(\text{OH})_2]$	d 1974	$(\text{K,Na})(\text{Na,Ca})_2(\text{Mg,Fe,Al,Ti})_5 \cdot [(\text{Al,Si})_8\text{O}_{22}(\text{O,OH})_2]$	d 1977
Al-Ca-Fe-H-K-Mg-O-P-Si-X		Al-Ca-Fe-H-Mg-Mn-Na-O-Si-Zn	
$(\text{K,Ca,H}_2\text{O})(\text{Al,Fe,Mg})_3[(\text{Si,P})_4 \cdot \text{O}_{10}(\text{OH,O})_2] \cdot \text{X}_n \cdot (\text{H}_2\text{O})_4$	d 2283	$(\text{Na,Ca,Mg,Mn,Zn,Fe}^{\text{II}},\text{Fe}^{\text{III}})_7 \cdot [(\text{Al,Si})_4\text{O}_{11}(\text{OH})_2]$	d 2014
Al-Ca-Fe-H-K-Mg-O-Si		Al-Ca-Fe-H-Mg-Mn-O-P	
$(\text{K,Ca,Fe})_{0,2}\text{Mg}_4\text{Al}_{1,2}[(\text{Al}_{1,2}\text{Si}_{2,8}) \cdot \text{O}_{9,2}(\text{OH})_{8,8}]$	d 1917	$(\text{Mn}^{\text{II}},\text{Fe}^{\text{II}},\text{Ca,Mg,Fe}^{\text{III}})\text{Al} \cdot (\text{OH,O,PO}_4)_3$	c 2382
Al-Ca-Fe-H-K-Mn-Na-O-Si		Al-Ca-Fe-H-Mg-Mn-O-P-Si-Sr	
$(\text{K,Na})_6(\text{Ca,Mn,Fe})(\text{Al,Fe})_4\text{Si}_8 \cdot \text{O}_{26} \cdot \text{H}_2\text{O}$	d 1492	$(\text{Ca,Mn}^{\text{II}},\text{Sr})_3(\text{Al,Fe,Mg})_6 \cdot [(\text{SiO}_4,\text{PO}_4)_{7-m}(\text{OH})_{4m}] \cdot 3\text{H}_2\text{O}$	d 2195
$(\text{K,Na,Ca})_{1,7}(\text{Mn,Fe}^{\text{III}},\text{Al})_{4,7} \cdot [(\text{Al,Si})_6\text{O}_{15}(\text{OH})_5] \cdot 2\text{H}_2\text{O}$ (I)	d 2332	Al-Ca-Fe-H-Mg-Mn-O-Pb-Si-Sr	
$(\text{K,Na,Ca})_{1,7}(\text{Mn,Fe}^{\text{III}},\text{Al})_{4,7} \cdot [(\text{Al,Si})_6\text{O}_{15}(\text{OH})_5] \cdot 2\text{H}_2\text{O}$ (II)	d 2333	$(\text{Ca,Mn,Pb,Sr})_2(\text{Al,Fe,Mn,Mg})_3 \cdot [(\text{Al,Si})_3\text{O}_{12}(\text{OH})]$	d 2018
Al-Ca-Fe-H-K-Na-O-Si		Al-Ca-Fe-H-Mg-Mn-O-R-Si	
$(\text{K,Na,Ca})[(\text{Fe}^{\text{III}},\text{Al,Si})_4\text{O}_8] \cdot 4\text{H}_2\text{O}$	d 1335	$(\text{Ca,R})_2(\text{Mg,Mn,Fe})(\text{Al,Fe})_2 \cdot [\text{Si}_3\text{O}_{12}(\text{OH})]$	d 2017
$(\text{K}_{1,08}\text{Na}_{3,88}\text{Ca}_{2,32})[\text{Fe}_{0,18}^{\text{III}} \cdot \text{Al}_{10,73}\text{Si}_{25,45}\text{O}_{72}] \cdot x\text{H}_2\text{O}$	d 1386		

2 Alphabetisches Formelverzeichnis

Al - Ca - Fe - H - Mg - Mn - O - Si		Al - Ca - Fe - H - Mn - O - P - Si	
{(Ca,Mg,Mn,Fe ^{II} ,Fe ^{III}) ₃ [(Al,Si) ₄ · O ₁₀ (OH) ₂]}{(Mg,Mn ^{III} ,Fe ^{II} ,Fe ^{III}) ₃ (O,OH) ₆ }	d 2026	(Ca,Mn,Fe)Al ₂ [(SiO ₄ ,PO ₄)(OH)] ₂	d 2195
(Ca,Mg,Mn ^{II} ,Fe ^{II}) ₃ [(Al,Si) ₄ O ₁₀ · (OH) ₂] · 4H ₂ O	d 2321	(I)	
(Ca,Mn,Fe,Mg) ₇ [(Al,Si) ₄ O ₁₁ · (OH) ₂]	d 1886	(Ca,Mn,Fe)Al ₂ [(SiO ₄ ,PO ₄)(OH)] ₂	d 2196
(Mn,Fe,Mg,Ca) ₉ [(Si,Al) ₁₀ O ₂₃ · (OH) ₉]	d 1849	Al - Ca - Fe - H - Mn - O - Si	
Al - Ca - Fe - H - Mg - Mn - O - Si - Ti		(Ca ₂ Al ₂ (Fe ^{III} ,Al)[Si ₃ O ₁₀ (OH)] _x · (Ca ₂ Mn ^{III} Al ₂ [Si ₃ O ₁₀ (OH)] _{1-x})	d 2009
(Ca,Mg,Mn,Fe ^{II} ,Fe ^{III} ,Al,Ti) ₆ · [(Al,Si) ₄ O ₁₀ (OH) ₈]	d 1919	Ca ₂ (Mn ^{III} ,Fe ^{III})Al ₂ [Si ₃ O ₁₂ (OH)]	d 2009
Ca ₄ (Mg,Fe,Mn,Al,Ti) ₆ Si ₆ O ₂₃ · (OH) · 2H ₂ O	d 2320	Al - Ca - Fe - H - Mn - O - Si - Ti	
Al - Ca - Fe - H - Mg - Na - O - Si		Ca ₂ (Al _{2,15} Fe ^{III} _{0,81} Ti _{0,02} Mn _{0,02})Si ₃ · O ₁₃ H	d 1940
(Na _{0,12} Ca _{0,035})(Mg _{0,64} Fe _{0,03} · Al _{1,43})(Al _{0,01} Si _{3,99} O ₁₀ (OH) ₂)	d 1951	Al - Ca - Fe - H - Na - O - Si	
(Na,Ca) _{0,33} (Mg,Fe ^{II}) ₃ [(Al,Si) ₄ O ₁₀ · (OH) ₂] · 4H ₂ O	d 2321	NaCa ₂ Fe ^{II} Fe ^{III} [Al ₂ Si ₆ O ₂₂ (OH) ₂]	d 1945
NaCa ₂ Mg ₄ Fe ^{III} [Al ₂ Si ₆ O ₂₂ (OH) ₂]	d 1945	Na ₂ Ca _{0,5} Fe ^{II} ₃ Fe ^{III} ₅ Al _{0,5} Si _{7,5} · O ₂₂ (OH) ₂	d 1930
Al - Ca - Fe - H - Mg - O - S		Na ₂ CaFe ^{III} Fe ^{III} [AlSi ₃ O ₁₁ (OH)] ₂	d 1942
Mg ₇ Ca(Al,Fe) ₂ (OH) ₁₈ (SO ₄) ₂ · 12H ₂ O	d 7980	Al - Ca - Fe - H - O	
Al - Ca - Fe - H - Mg - O - Si		Ca ₃ [(Al,Fe)(OH) ₆] ₂	d 7919
{Al ₄ (Al _{1,94} Si _{6,06} O ₂₀ (OH) ₄) · {(Ca _{0,3} Mg _{3,26} Fe ^{II} _{0,36} Al _{2,06}) · (OH) ₁₂ }	d 1949	Ca ₃ (Al _{1-x} Fe _x) ₂ (OH) ₁₂	f 3654
(Ca,Mg,Al,Fe) ₂ [(Al,Si) ₄ O ₁₀ (OH) ₂]	d 1668	Ca ₃ Fe _x Al _{2-x} O ₆ · 6H ₂ O	d 7919
Ca(Mg,Al,Fe) ₃ (Al,Si) ₄ O ₁₀ (OH) ₂	d 1737	Ca ₄ (Al _x Fe _{1-x}) ₂ O ₇ · 13H ₂ O	f 3649
(Ca,Mg,Fe) ₂ (Al,Fe) ₃ [(Al,Si) ₄ O ₁₀ · (OH)] · 1,45H ₂ O	d 1924	Al - Ca - Fe - H - O - P	
(Ca,Mg,···) _{3,37} (Fe,Al,···) _{2,00} · (SiO ₄) _{2,26} (OH) _{2,96}	d 1725	Ca(Al,Fe ^{III}) ₃ (PO ₄) ₂ O(OH) ₃ · 2H ₂ O	c 2353
(Ca,Mg,Fe ^{II}) ₂ Al ₃ [AlSi ₃ O ₁₀ (OH) ₈]	d 1949	Al - Ca - Fe - H - O - S	
Ca ₂ (Mg,Fe,Al) ₃ [Si ₃ O ₁₁ (OH) ₂]	d 2320	Ca ₄ (Al _{1-x} Fe _x) ₂ SO ₄ (OH) ₁₂ · 6H ₂ O	b 3921
Ca ₂ (Mg,Fe,Al) ₃ [(Si ₃ O ₁₁) · (OH,H ₂ O) ₃]	d 2320	Ca ₆ Al _{2-x} Fe _x (SO ₄) ₃ (OH) ₁₂ · 26H ₂ O	b 3920
Ca ₂ Mg ₃ Fe _{1,5-2} [(Al,Fe)Si ₇ O ₂₂ · (O,OH) ₂]	d 1952 d 1953	Al - Ca - Fe - H - O - Si	
Ca ₁₀ (Mg,Fe) ₂ Al ₄ [(Si ₉ O ₃₄)(OH) ₄]	d 1947	Ca ₂ (Al,Fe ^{III}) ₃ [Si ₃ O ₁₂ (OH)]	d 1722
Ca ₁₀ Mg ₂ (Al,Fe) ₄ [(Si ₉ O ₃₄)(OH) ₄]	d 1947	Ca ₂ Al ₂ (Fe ^{III} ,Al)[Si ₃ O ₁₂ (OH)]	d 1940
(Fe ^{III} ,Al,Mg) ₅ Ca ₂ [(Al,Si) ₄ O ₁₁ · (OH) ₂]	d 1934	Ca ₂ Al _{2,16} Fe _{0,84} Si ₃ O ₁₃ H	d 1940
(Mg _{2,0} Ca _{0,2} Fe _{0,5} Al _{5,3})Si _{4,0} O _{17,6} · (OH) _{2,4}	d 1915	Ca ₂ Al _{2,60} Fe _{0,40} Si ₃ O ₁₃ H	d 1940
Al - Ca - Fe - H - Mg - O - Si - Ti		Ca ₂ (Al _{1-x} Fe _x) ₃ [Si ₃ O ₁₂ (OH)]	d 1940
(Ca,Mg) ₃ (Fe,Al,Ti) ₂ [(SiO ₄) _{3-x} · (OH) _{4x}]	d 1973	Ca ₂ (Al _{1-x} Fe ^{III} _x)Al ₂ [Si ₃ O ₁₂ (OH)]	d 1940
		[Ca ₃ Fe ₂ (SiO ₄) ₃] _{1x} [Ca ₃ Al ₂ · (OH) ₁₂] _{1-x}	d 1941
		Ca ₃ {(SiO ₄) _y [(Al _x Fe _{1-x})(O · H) _{6-2y}] ₂ }	d 1941
		Al - Ca - Fe - K - Li - Na - O - Pb - Rb - Si - Sr	
		(Rb,K,Na,Li,Sr,Ca,Pb)(Al,Fe)Si ₃ · O ₈	d 271
		Al - Ca - Fe - K - Mg - Mn - Na - O - R - Si - Sr - Tb - Ti	
		(K,Na,Sr,Ca,Th,R) ₄ (Ca,Mg,Mn,Fe ^{II})(Mg,Mn,Fe ^{II,III} ,Al,Ti) ₄ Si ₄ · O ₂₂	d 1048 d 794
		Al - Ca - Fe - K - Mg - Mn - Na - O - Si	
		(K,Na,Ca,Mg,Mn,Fe,Al) ₂ SiO ₅	d 1081

2 Alphabetical formula index

Al - Ca - Fe - K - Mg - Na - 0 - Si (K,Na,Ca)(Mg,Fe ^{II}) ₂ (Al,Fe ^{II} ,Fe ^{III}) ₃ · [(Al,Si) ₁₂ O ₃₀]	d 1485	Al - Ca - Fe - Mg - Mn - 0 - Si - Sr (Sr,Ca,Mn) ₂ (Mg,Fe,Al) ₂ SiO ₇	d 333
Al - Ca - Fe - K - Mg - Na - 0 - Si - Sr (K,Na,Sr,Ca) ₂ (Mg,Fe,Al)· (Al,Si) ₂ O ₇	d 379	Al - Ca - Fe - Mg - Mn - 0 - Si - Ti (Ca,Mg,Fe,Mn) ₃ (Al,Fe,Ti) ₂ · (SiO ₄) ₃	d 337 d 955
Al - Ca - Fe - K - Mg - Na - 0 - Si - Ti (K,Na,Ca,Mg,Fe)[(Fe,Al,Ti,Si) ₄ · O ₈]	d 362	(Ca,Mg,Fe,Mn) ₇ [(Al,Ti,Si) ₇ O ₂₁]	d 1073
(K,Na)Ca ₂ (Mg,Fe ^{II} ,Fe ^{III}) ₄ Ti· [(Al ₂ Si ₆ O ₂₂)(O ²⁻) ₂]	d 1976	(Ca,Mg,Mn,Fe ^{II}) ₃ (Al,Fe ^{III}) ₂ · [(Ti,Si) ₄ O ₄] ₃	d 1097B
(K,Na) _{0,5} (K,Na,Ca) ₂ (Mg,Fe ^{II}) ₃ · (Fe ^{III} ,Al,Ti) ₂ [Al ₂ Si ₆ O ₂₄]	d 1037	Al - Ca - Fe - Mg - Mn - 0 - Si - V {Ca,Mg,Mn} ₃ [V,Al,Fe] ₂ (SiO ₄) ₃	d 1101
Al - Ca - Fe - K - Mg - 0 - P - Si (K,Ca,Mg)(Al,Fe)(Si,P)O ₄	d 258	Al - Ca - Fe - Mg - Mn - 0 - Si - Zn (Ca,Mg,Zn,Mn,Fe) ₂ (Al,Si) ₂ O ₆	d 931
Al - Ca - Fe - K - Mg - 0 - Si (K,Ca,Mg,Fe) _{0,5} (Si ₂₉ Al)O ₆₀	b 675	Al - Ca - Fe - Mg - Na - 0 - Si (Na,Ca)(Mg,Al,Fe ^{II,III})[Si ₂ O ₆]	d 996
Al - Ca - Fe - K - Na - 0 - Si (K,Na,Ca)(Fe,Al)Si ₂ O ₆	d 265	(Na,Ca)(Mg,Fe,Al)(Al,Si) ₂ O ₆ (Na,Mg,Ca,Al,Fe) ₂ Si ₂ O ₆	d 243 d 997
Al - Ca - Fe - La - 0 - Si - Ti (La ₃ Ca)Fe ^{II} (AlTi)Ti ₂ Si ₄ O ₂₂	d 1039	Al - Ca - Fe - Mg - Na - 0 - Si - Ti (Na,Ca,Mg,Fe,Ti,Al) ₂ [(Al,Si) ₂ O ₆]	d 1035
Al - Ca - Fe - Mg - Mn - Na - 0 - Si (Na,Ca,Mg,Fe,Mn,Al)(Al,Si)O ₃	d 61	Al - Ca - Fe - Mg - Nb - 0 - Si - Ti - Zr Ca ₃ (Mg,Fe ^{II} ,Zr,Ti,Nb ^V)[(Fe ^{III} ,Al, Si) ₃ O ₁₂]	d 818
(Na,Ca,Mg)(Mn,Fe,Al)(Al,Si) ₂ O ₆	d 882	Al - Ca - Fe - Mg - 0 (Ca _{1-0,2x} Mg _{0,2x}) ₂ [Mg _{0,8x} · (Al _p Fe _{1-p}) _{1-0,53x}] ₂ O ₅	f 3166
Al - Ca - Fe - Mg - Mn - Na - O - Si - Sr - Ti (Na,Sr,Ca,Mn)(Mg,Fe,Al,Ti)· [(Al,Si) ₂ O ₆]	d 996	Al - Ca - Fe - Mg - 0 - Pb - Si (Ca,Mg,Pb) ₄ (Al,Fe) ₂ (SiO ₃) ₇	d 1026
Al - Ca - Fe - Mg - Mn - Na - O - Si - Ti (Na,Ca)(Mg,Fe,Mn,Ti)(Al,Ti,Si) ₂ · O ₆	d 962B	Al - Ca - Fe - Mg - 0 - R - Si - Ti (Ca,R)(Mg,Fe ^{II} ,Al,Fe ^{III} ,Ti,Si) ₁₂ · O ₁₉	d 1055 d 7672
(Na,Ca,Mg,Fe ^{II,III} ,Mn,Ti,Al) ₂ · [(Al,Si) ₂ O ₆]	d 1090	Al - Ca - Fe - Mg - 0 - Si Ca(Mg,Al,Fe ^{III})[(Al,Si) ₂ O ₆]	d 995
Al - Ca - Fe - Mg - Mn - Na - O - Si - Ti - V (Na,Ca,Mg,Mn) ₃ (V,Al,Fe,Ti) ₂ · (SiO ₄) ₃	d 926	(Ca,Mg,Fe) ₃ Al ₂ (SiO ₄) ₃	d 993
Al - Ca - Fe - Mg - Mn - 0 - Si (Ca,Mg,Al,Fe,Mn) ₇ SiO ₁₂	d 861	(Ca,Mg,Fe) ₂ [(Fe,Al,Si) ₂ O ₆]	d 113
(Ca,Mg,Fe,Mn) ₃ (Al,Fe) ₂ (SiO ₄) ₃	d 990	(Ca,Mg,Fe ^{II}) ₃ (Al,Fe ^{III}) ₂ (SiO ₄) ₃	d 994
(Ca,Mg,Fe,Mn) ₂ [(Al,Si)O ₃] ₂	d 1089	(CaMg _{1-x} Fe ^{III})[Al _x Si _{2-x} O ₆]	d 995
(Ca,Mg,Fe ^{II} ,Mn ^{II} ,Fe ^{III} ,Al) ₂ · [(Al,Si) ₂ O ₆]	d 1090	(Ca ₂ MgSi ₂ O ₇) _x (Ca ₂ Al(AlSiO ₇)) _y · (Ca ₂ Fe ^{III} (AlSiO ₇)) _z	d 989
(Ca,Mg,Mn) ₃ (Al,Fe ^{III}) ₂ (SiO ₄) ₃	d 1087	(Ca _x Mg _y Fe _z) ₂ [(Al,Si) ₂ O ₆]	d 966
(Ca,Mg,Mn ^{II} ,Fe ^{II}) ₃ (Al,Fe ^{III}) ₂ · (SiO ₄) ₃	d 1088	(Mg _{1-x-y-z} Fe _x Ca _y Al _z) ₂ Si ₂ O ₆	d 964
(Ca,Mg,Mn ^{II} ,Fe ^{II}) ₃ Al ₂ (SiO ₄) ₃	d 1086	Al - Ca - Fe - Mg - 0 - Si - Ti (Ca,Mg,Fe,Al,Ti) ₂ [(Al,Si) ₂ O ₆]	d 995
Al - Ca - Fe - Mg - Mn - 0 - Si - Sn (Ca,Mg,Mn) ₃ (Fe,Al) ₂ [(Si,Sn)O ₄] ₃	d 957	(Ca,Mg,Fe ^{II} ,Fe ^{III} ,Ti,Al) ₂ [(Al,Si) ₂ · O ₆]	d 1035
		Ca ₂ [(Mg,Fe ^{II}) ₄ Fe ^{III} Ti]Al ₃ Si ₃ O ₂₀	d 1036
		Al - Ca - Fe - Mn - 0 - Si (Ca,Mn) ₃ (Al,Mn ^{III} ,Fe ^{III}) ₂ (SiO ₄) ₃	d 1085
		(Ca,Mn,Fe ^{II}) ₃ Al ₂ (SiO ₄) ₃	d 1083
		(Ca,Mn ^{II} ,Fe ^{II}) ₃ (Al,Fe ^{III}) ₂ (SiO ₄) ₃	d 1084

2 Alphabetisches Formelverzeichnis

Al - Ca - Fe - O		Al - Ca - Ce - H - O	
$\text{CaAl}_2\text{Fe}_4\text{O}_{10}$	f 3164	$\text{Ca}_3\text{Al}_2(\text{GeO}_4)_{3-x}(\text{OH})_{4x}$	d 3077
$\text{Ca}(\text{Al}_{1-x}\text{Fe}_x)_{12}\text{O}_{19}$	f 3165	Al - Ca - Ge - O	
$\text{CaFe}_6\text{Al}_6\text{O}_{19}$	d 7864A	$\text{CaAl}_2\text{Ge}_2\text{O}_8$	d 2543
$\text{Ca}_2(\text{Al,Fe})_2\text{O}_5$	f 3162	$\text{Ca}_2\text{Al}_2\text{GeO}_7$	d 2541
$\text{Ca}_2\text{AlFeO}_5$	f 3163	$\text{Ca}_3\text{Al}_2(\text{GeO}_4)_3$	d 2542
$\text{Ca}_2\text{Fe}_{2-x}\text{Al}_x\text{O}_5$	d 7863	Al - Ca - Ge - O - Si	
$\text{Ca}_3\text{Al}_{2-x}\text{Fe}_x\text{O}_6$	d 7665	$\text{CaAl}_2\text{SiGeO}_8$	d 2747
	f 3161	$\text{CaAl}_2\text{Si}_{1,25}\text{Ge}_{0,75}\text{O}_8$	d 2747
Al - Ca - Fe - O - F - r - Si - Ti		Al - Ca - Ge - O - Sr	
$(\text{Pr}_3\text{Ca})\text{Fe}^{\text{II}}\text{AlTi}_3\text{Si}_4\text{O}_{22}$	d 1052	$\text{Sr}_x\text{Ca}_{1-x}\text{Al}_2\text{Ge}_2\text{O}_8$	d 2548
Al - Ca - Fe - O - R - Si - Th - Ti		Al - Ca - H - J - O	
$(\text{R,Th,Ca})_4\text{Fe}^{\text{II}}(\text{Ti,Fe,Al})_2 \cdot [(\text{Al,Si})_2\text{O}_7]_2\text{O}_8]$	d 794	$\text{Ca}_2\text{Al}(\text{OH})_6\text{J}$	d 7964
Al - Ca - Fe - O - E 3		$\text{Ca}_2\text{Al}(\text{OH})_6\text{J} \cdot 2\text{H}_2\text{O}$	d 7965
$(\text{Ca,Fe}^{\text{III}})_3(\text{Al,Fe}^{\text{III}})_2(\text{SiO}_4)_3$	d 992	$\text{Ca}_2\text{Al}(\text{OH})_6\text{JO}_3 \cdot 2\text{H}_2\text{O}$	b 2733
$\text{Ca}_2(\text{Al}_{1-x}\text{Fe}_x^{\text{III}})(\text{AlSiO}_7)$	d 989		d 7972
$\text{Ca}_2\text{Fe}^{\text{III}}(\text{AlSiO}_7)$	d 988	$\text{Ca}_6\text{Al}_2(\text{OH})_{16}(\text{VO}_3)_2 \cdot 26\text{H}_2\text{O}$	b 2734
$\text{Ca}_3(\text{Al}_x\text{Fe}_{1-x}^{\text{III}})_2(\text{SiO}_4)_3$	d 990	Al - Ca - H - J - O - S	
$\text{Ca}_{22}\text{Fe}_3\text{Al}_{34}\text{Si}_2\text{O}_{80}$	d 987	$\text{Ca}_8\text{Al}_4[(\text{SO}_4)_x\text{J}_{2-2x}(\text{OH})_{12}] \cdot n\text{H}_2\text{O}$	b 3937
$\text{Ca}_{-x}\text{Fe}_x^{\text{II}}\text{Al}_2(\text{SiO}_4)_3$	d 991	Al - Ca - H - K - Mg - Mn - Na - O - Si	
Al - Ca - Fe - O - Si - Ti		$\text{KNa}(\text{Ca,Mg,Mn})[\text{Al}_4\text{Si}_5\text{O}_{18}] \cdot 8\text{H}_2\text{O}$	d 2301
$\text{Ca}_3(\text{Al,Fe})_2[(\text{Ti,Si})\text{O}_4]_3$	d 1034	Al - Ca - H - K - Mg - Na - O - Si	
Al - Ca - Fe - O - 5 3 - Y		$\text{K}_{0,08}\text{Na}_{0,12}\text{Ca}_{1,00}\text{Mg}_{0,06} \cdot [\text{Al}_{2,20}\text{Si}_{6,79}\text{O}_{18}] \cdot 6,51\text{H}_2\text{O}$	d 1354
$(\text{Ca}_{1-x}\text{Y}_x)_3(\text{Al}_{1-x}\text{Fe}_x)_2[(\text{SiO}_4)_{1-x} \cdot (\text{FeO}_4)_x]_3$	d 1016	$(\text{K}_{0,94}\text{Na}_{1,00}\text{Ca}_{0,04}\text{Mg}_{0,02}) \cdot [\text{Al}_2\text{Si}_{6,54}\text{O}_{16}] \cdot 5,5\text{H}_2\text{O}$	d 1376
Al - Ca - Fe - O - Si - Zr		$(\text{K,Na})(\text{Ca,Mg,Al})_{0,25}[(\text{Al}_{1,5}\text{Si}_{7,5}) \cdot \text{O}_{18}] \cdot 6\text{H}_2\text{O}$	d 1275
$\text{Ca}_3\text{Zr}_2\text{Fe}_x\text{Al}_y\text{Si}_z\text{O}_{12}$	d 1058	$(\text{K,Na,Ca,Mg})_3[(\text{Al,Si})_5\text{O}_{10}]_2 \cdot 6\text{H}_2\text{O}$	d 1362
Al - Ca - Fe - O - Ti - Zr		$(\text{K,Na,Ca,Mg})_5[\text{Al}_5\text{Si}_{19}\text{O}_{48}] \cdot 12\text{H}_2\text{O}$	d 1377
$(\text{Zr}_{2,36}\text{Ca}_{0,77}\text{Ti}_{0,70}^{\text{III}}\text{Ti}_{0,13}^{\text{IV}}\text{Al}_{0,06}\text{Fe}_{0,05}^{\text{III}})\text{O}_{6,97}$	b 891	$\text{K}_{1,05}\text{Na}_{1,76}\text{Ca}_{1,90}\text{Mg}_{0,17} \cdot [\text{Al}_{6,72}\text{Si}_{29,20}\text{O}_{72}] \cdot 23,7\text{H}_2\text{O}$	d 1275
Al - Ca - Fe - O - Y - Zr		$\text{K}_{1,68}\text{Na}_{1,8}\text{Ca}_{1,16}\text{Mg}_{0,25} \cdot [\text{Al}_{6,33}\text{Si}_{29,81}\text{O}_{72}] \cdot 20,1\text{H}_2\text{O}$	d 1275
$\text{Ca}_2\text{YAl}_{0,5}\text{Fe}_{2,5}\text{Zr}_2\text{O}_{12}$	e 1445	$\text{K}_{1,7}\text{Na}_{2,3}\text{Ca}_{0,5}\text{Mg}_{0,2}[\text{Al}_{6,2}\text{Si}_{30} \cdot \text{O}_{72}] \cdot 24\text{H}_2\text{O}$	d 1275
Al - Ca - Ga - Ge - O - Si		$(\text{K}_2,\text{Na}_2,\text{Ca,Mg})_2[\text{Al}_4\text{Si}_{14}\text{O}_{36}] \cdot 13\text{H}_2\text{O}$	d 1391
$\text{CaAl}_{1,25}\text{Ga}_{0,75}\text{Si}_{1,25}\text{Ge}_{0,75}\text{O}_8$	d 2747	$(\text{K}_2,\text{Na}_2,\text{Ca,Mg})_{4,5}\text{Al}_9\text{Si}_{27}\text{O}_{72} \cdot 27\text{H}_2\text{O}$	d 1390
$\text{Ca}[(\text{Al}_{1-x}\text{Ga}_x)_2(\text{Si}_{1-y}\text{Ge}_y)_2\text{O}_8]$	d 2747	$(\text{K}_2,\text{Na}_2,\text{Ca,Mg})_{29,5}[\text{Al}_{59}\text{Si}_{133} \cdot \text{O}_{384}] \cdot 235\text{H}_2\text{O}$	d 1386
Al - Ca - Ga - Na - O - Si		$(\text{K}_{2,1}\text{Na}_{10,9}\text{Ca}_{1,7}\text{Mg}_{0,3})[\text{Al}_{16,4} \cdot \text{Si}_{55,4}\text{O}_{144}] \cdot 51,6\text{H}_2\text{O}$	d 1391
$\text{NaCaGa}_x\text{Al}_{1-x}[\text{Si}_2\text{O}_7]$	d 446	$\text{K}_{2,5}\text{Na}_{0,3}\text{Ca}_{1,4}\text{Mg}_{2,1}[\text{Al}_{9,9}\text{Si}_{26,5} \cdot \text{O}_{72}] \cdot 7\text{H}_2\text{O}$	d 1388
Al - Ca - Ga - Nd - O		$\text{K}_{2,5}\text{Na}_{0,3}\text{Ca}_{1,4}\text{Mg}_{2,1}[\text{Al}_{9,9}\text{Si}_{26,5} \cdot \text{O}_{72}] \cdot 28\text{H}_2\text{O}$	d 1389
$\text{CaNdAl}_x\text{Ga}_{1-x}\text{O}_4$ (I)	d 8123		
Al - Ca - Ga - O			
CaAlGaO_4	d 8064		
$\text{CaAl}_{1,5}\text{Ga}_{0,5}\text{O}_4$	d 8065		
$\text{Ca}_3\text{Al}_{2-x}\text{Ga}_x\text{O}_6$	d 8063		
Al - Ca - Ga - O - Si			
$\text{Ca}(\text{Ga,Al})_2\text{Si}_2\text{O}_8$	d 445		
$\text{Ca}_2\text{Ga}_{2-2x}\text{Al}_{2x}\text{SiO}_7$	d 444		
Al - Ca - Cd - O			
CaGdAlO_4	d 7786		
$\text{CaGdAl}_3\text{O}_7$	d 7787		
Al - Ca - Ge - H - Na - O			
$\text{Na}_2\text{Ca}[\text{Al}_2\text{Ge}_4\text{O}_{12}]_2 \cdot 16\text{H}_2\text{O}$	d 3048		

2 Alphabetical formula index

Al - Ca - H - K - Mg - O - Si			
$(K_2, Ca, Mg)_{2,5} Al_5 Si_{13} O_{36} \cdot 15 H_2 O$	d 1387	$(K_{2-2x} Ca_x)_3 Al_6 Si_{10} O_{32} \cdot 15 H_2 O$	d 1371
Al - Ca - H - K - Na - O - Si		(I)	
$[K_{0,03} Na_{0,17} Ca_{0,21} (H_3 O)_{1,00}] Al_4 \cdot$		$(K_{2-2x} Ca_x)_3 Al_6 Si_{10} O_{32} \cdot 15 H_2 O$	d 1372
$[Al_{1,45} Si_{6,55} O_{20} (OH)_4] \cdot$		(II)	
$3,24 H_2 O$	d 2292	$(K_{2-2x} Ca_x)_3 Al_6 Si_{10} O_{32} \cdot 15 H_2 O$	d 1373
$(K_{0,10} Na_{1,06} Ca_{2,59}) [Al_{6,29} Si_{17,71} \cdot$		(II')	
$O_{48}] \cdot 15,74 H_2 O$	d 1352	$(K_{2-2x} Ca_x)_6 Al_{12} Si_{12} O_{48} \cdot$	
$K_{0,25} Na Ca [Al_{0,25} Si_{3,75} O_9 (OH)] \cdot$	d 2290	$\approx 29 H_2 O$	d 1374
$1,5 H_2 O$		Al - Ca - H - K - O - Si - Sr	
$(K, Na, Ca_{0,5})_5 [Al_5 Si_{19} O_{48}] \cdot$	d 1377	$(K, Sr, Ca)_2 [Al_{3,6} Si_{8,4} O_{24}] \cdot$	
$12 H_2 O$		$12,8 H_2 O$	d 1366
$(K, Na, Ca)_3 [(Al, Si)_4 (O, OH)_{11}] \cdot$	d 2290	Al - Ca - H - Li - O - Si	
$H_2 O$		$(Li_2, Ca)_2 [Al_4 Si_8 O_{24}] \cdot x H_2 O$	d 1206
$(K, Na, Ca)_{\approx 16} [Al_{\approx 16} Si_{\approx 32} O_{96}] \cdot$	d 1227	$(Li_{2-2x} Ca_x)_6 Al_{12} Si_{12} O_{48} \cdot$	
$16 H_2 O$		$\approx 29 H_2 O$	d 1356
$(K, Na, Ca) [Al_2 Si_4 O_{12}] \cdot 4 H_2 O$	d 1346	Al - Ca - H - Mg - Mn - O - Si	
$(K, Na, Ca) [Al_2 Si_4 O_{12}] \cdot 6 H_2 O$	d 1347	$Ca_{10} (Mg, Mn)_2 Al_4 [Si_9 O_{34} (OH)_4]$	d 1857
	d 1364	Al - Ca - H - Mg - Na - O - Si	
$(K, Na, Ca)_4 Al_4 Si_8 O_{24} \cdot 12 H_2 O$	d 1228	$(Na, Ca, Mg) Al_4 [AlSi_3 O_{10} (OH)_8]$	d 1670
$(K, Na, Ca)_2 [Al_4 Si_8 O_{24}] \cdot 13 H_2 O$	d 1366	$(Na_2, Ca, Mg) [Al_2 Si_4 O_{12}] \cdot$	
$(K, Na, Ca, H_3 O) Al_2 [(Al, Si)_4 O_{10} \cdot$		$7 \dots 8 H_2 O$	d 1386
$(OH)_2] \cdot 0,5 H_2 O$	d 2291	$Na_{11,2} Ca_{15,4} Mg_{12,4} [Al_{62,5} Si_{132,4} \cdot$	
$(K, Na, Ca, H_3 O) Al_4 [(Al, Si)_8 O_{20} \cdot$		$O_{391,9}] \cdot 249,4 H_2 O$	d 1386
$(OH)_4] \cdot 3 H_2 O$	d 2292	Al - Ca - H - Mg - Na - O - Si - Zn	
$(K, Na) Ca_2 Al_3 Si_5 O_{20} \cdot 6 H_2 O$	d 1361	$(Na, Ca)_x (Zn, Mg)_3 [(Al, Si)_4 O_{10} \cdot$	
$(K, Na)_4 Ca_{14} [Al_2 Si_{22} O_{58} (OH)_8] \cdot$	d 2290	$(OH)_2] \cdot 4 H_2 O$	d 2299
$6 H_2 O$		Al - Ca - H - Mg - O - Si	
$(K, Na, H, Ca) (AlH, Si) O_3 \cdot H_2 O$	d 1187	$Ca_{0,19} [Mg_{0,51} Al_{1,80} (OH)_6] \cdot$	
$(K_{1,18} Na_{1,00} (H_3 O)_{0,61} (Na_{0,24} \cdot$		$[Al_{0,80} Si_{7,20} O_{20}] Al_4 (OH)_4 \cdot$	
$Ca_{0,18}) [Al_{3,35} Si_{12,65} O_{40}] [Al_8 \cdot$	d 2291	$(H_2 O)_2$	d 2293
$(OH)_8] \cdot 2 H_2 O$		$Ca (Mg, Al)_{3 \dots 2} [Al_2 Si_2 O_{10} (OH)_2]$	d 1736
$(K_2, Na_2, Ca) Al_2 [(Al, Si)_{12} O_{28}] \cdot$			d 1737
$6 H_2 O$	d 1379	$(Ca, Mg)_{0,7} Al_{5,8} [(Al, Si)_8 O_{20} \cdot$	
$(K_2, Na_2, Ca) [Al_2 Si_3 O_{10}] \cdot 2 H_2 O$	d 1220	$(OH)_{10}] \cdot 2 H_2 O$	d 2293
$(K_2, Na_2, Ca) [Al_2 Si_{10} O_{24}] \cdot 6 H_2 O$	d 1378	$Ca Mg_2 Al [Al_3 Si O_{10} (OH)_2]$	d 1736
$(K_2, Na_2, Ca)_2 [Al_4 Si_8 O_{24}] \cdot x H_2 O$	d 1259	$Ca_{9,3} Mg_{1,6} Al_{5,05} [Si_{8,0} O_{34} (OH)_4]$	d 1947
$K_2 (Na_2, Ca)_{3,5} Al_5 Si_{10} O_{32} \cdot 12 H_2 O$	d 1376	$Ca_{10} Mg_2 Al_4 [(Si_9 O_{34}) (OH)_4]$	d 1947
$(K_2, Na_2, Ca)_5 Al_{10} Si_{22} O_{64} \cdot 20 H_2 O$	d 1376	$Ca_{18} (Ca_{2-x} Mg_x) Mg_2 (Mg_{2-y} Al_y) \cdot$	
$K_2 Na_{2-n} Ca_n Al_{4+n} Si_{12-n} O_{32} \cdot$		$Al_8 (Al_y Si_{2-y}) Si_{16} O_{68} (OH)_8$	d 1947
$12 H_2 O (n \leq 2)$	d 1376	$(Ca_x Mg_{1-x})_6 Al_{12} Si_{12} O_{48} \cdot$	
Al - Ca - H - K - Na - O - Si - Sr		$\approx 29 H_2 O$	d 1385
$[K_{0,01} Na_{0,04} (H_3 O)_{0,87}] (Sr_{0,30} \cdot$		Al - Ca - H - Mg - O - Si - Ti	
$Ca_{1,16}) [Al_{3,84} Si_{8,10} O_{24}] \cdot$		$Ca_{10} Mg_2 Al_4 [(Al, Si, Ti)_9 O_{34} (OH)_4]$	d 1818
$11,1 H_2 O$	d 1403	Al - Ca - H - Mn - Nb - O - Pb -	
$(K_2, Na_2, Sr, Ca) [Al_2 Si_7 O_{18}] \cdot 6 H_2 O$	d 1354	Ta - Y	
Al - Ca - H - K - O - Si		$(Ca, Y, Mn, Pb, \dots)_{2-z} (Al, Nb, Ta)_2 \cdot$	
$K Ca [Al_3 Si_5 O_{16}] \cdot 6 H_2 O$	d 1376	$0, -z \cdot n H_2 O$	e 3471
$(K_2, Ca) [Al_2 Si_7 O_{18}] \cdot 6 H_2 O$	d 1375	Al - Ca - H - Mn - O	
$(K_2, Ca)_{6,5} Al_{10} Si_{10} O_{40} (OH)_3 \cdot$		$Ca_2 Al (MnO_4) (OH)_6 \cdot x H_2 O$	f 2677
$13 H_2 O$	d 2289	Al - Ca - H - Mn - O - Si	
$(K_{2-2x} Ca_x)_3 Al_6 Si_{10} O_{32} \cdot 12 H_2 O$	d 1370	$Ca_3 (Mn_{1,5} Al_{0,5}) [(SiO_4)_2 (OH)_4]$	d 1855
		$Ca_4 (Al, Mn^{II}, Mn^{III})_6 \{Si_5 O_{18} \cdot$	
		$[(Si, H_4) O_4] (OH)_6\}$	d 1856