

Index of Substances in the order of tabulation (ASCII alphabetic order)

ASCII order	Formula	Name	Page
Ac ₁	Ac	Actinium	1
Ac ₁ <g>	Ac<g>	Actinium gas	1
Ag ₁	Ag	Silver	2
Ag ₁ <g>	Ag<g>	Silver gas	2
Ag ₂ <g>	Ag ₂ <g>	Disilver gas	3
Al ₁	Al	Aluminium	3
Al ₁ <g>	Al<g>	Aluminium gas	4
Al ₂ <g>	Al ₂ <g>	Dialuminium gas	4
Am ₁	Am	Americium	5
Am ₁ <g>	Am<g>	Americium gas	5
Ar ₁ <g>	Ar<g>	Argon	6
As ₁	As	Arsenic	6
As ₁ <g>	As<g>	Arsenic gas	7
As ₂ <g>	As ₂ <g>	Diarsenic gas	7
As ₄ <g>	As ₄ <g>	Tetraarsenic gas	8
At ₁ <g>	At<g>	Astatine gas	8
At ₂	At ₂	Diastatine	9
At ₂ <g>	At ₂ <g>	Diastatine gas	9
Au ₁	Au	Gold	10
Au ₁ <g>	Au<g>	Gold gas	10
Au ₂ <g>	Au ₂ <g>	Digold gas	11
B ₁	B	Boron	11
B ₁ <AMORPHOUS>	B<amorphous>	Boron <i>amorphous</i>	12
B ₁ <g>	B<g>	Boron gas	12
B ₂ <g>	B ₂ <g>	Diboron gas	13
Ba ₁	Ba	Barium	13
Ba ₁ <g>	Ba<g>	Barium gas	14
Ba ₂ <g>	Ba ₂ <g>	Dibarium gas	14
Be ₁	Be	Beryllium	15
Be ₁ <g>	Be<g>	Beryllium gas	15
Be ₂ <g>	Be ₂ <g>	Diberyllium gas	16
Bi ₁	Bi	Bismuth	16
Bi ₁ <g>	Bi<g>	Bismuth gas	17
Bi ₂ <g>	Bi ₂ <g>	Dibismuth gas	17
Bi ₃ <g>	Bi ₃ <g>	Tribismuth gas	18
Bi ₄ <g>	Bi ₄ <g>	Tetrabismuth gas	18
Br ₁ <g>	Br<g>	Bromine gas	19
Br ₂	Br ₂ <liquid>	Dibromine <i>liquid</i>	19
Br ₂ <g>	Br ₂ <g>	Dibromine gas	20
C ₁	C	Carbon, <i>Graphite</i>	20
C ₁ <DIAMOND>	C<Diamond>	Carbon, <i>Diamond</i>	21
C ₁ <g>	C<g>	Carbon gas	21

ASCII order	Formula	Name	Page
C ₂ <g>	C ₂ <g>	Dicarbon gas	22
C ₃ <g>	C ₃ <g>	Tricarbon gas	22
C ₄ <g>	C ₄ <g>	Tetracarbon gas	23
C ₅ <g>	C ₅ <g>	Pentacarbon gas	23
C ₆₀	C ₆₀	Carbon, <i>Fullerene</i>	24
C ₆₀ <g>	C ₆₀ <g>	Carbon, <i>Fullerene</i> , gas	24
Ca ₁	Ca	Calcium	25
Ca ₁ <g>	Ca<g>	Calcium gas	25
Ca ₂ <g>	Ca ₂ <g>	Dicalcium gas	26
Cd ₁	Cd	Cadmium	26
Cd ₁ <g>	Cd<g>	Cadmium gas	27
Ce ₁	Ce	Cerium	27
Ce ₁ <g>	Ce<g>	Cerium gas	28
Cf ₁	Cf	Californium	28
Cl ₁ <g>	Cl<g>	Chlorine gas	29
Cl ₂ <g>	Cl ₂ <g>	Dichlorine gas	29
Cm ₁	Cm	Curium	30
Cm ₁ <g>	Cm<g>	Curium gas	30
Co ₁	Co	Cobalt	31
Co ₁ <g>	Co<g>	Cobalt gas	31
Co ₂ <g>	Co ₂ <g>	Dicobalt gas	32
Cr ₁	Cr	Chromium	32
Cr ₁ <g>	Cr<g>	Chromium gas	33
Cr ₂ <g>	Cr ₂ <g>	Dichromium gas	33
Cs ₁	Cs	Cesium	34
Cs ₁ <g>	Cs<g>	Cesium gas	34
Cs ₂ <g>	Cs ₂ <g>	Dicesium gas	35
Cu ₁	Cu	Copper	35
Cu ₁ <g>	Cu<g>	Copper gas	36
Cu ₂ <g>	Cu ₂ <g>	Dicopper gas	36
D ₁ <g>	D<g>	Deuterium gas	37
D ₂ <g>	D ₂ <g>	Dideuterium gas	37
Dy ₁	Dy	Dysprosium	38
Dy ₁ <g>	Dy<g>	Dysprosium gas	38
Er ₁	Er	Erbium	39
Er ₁ <g>	Er<g>	Erbium gas	39
Es ₁	Es	Einsteinium	40
Es ₁ <g>	Es<g>	Einsteinium gas	40
Eu ₁	Eu	Europium	41
Eu ₁ <g>	Eu<g>	Europium gas	41
F ₁ <g>	F<g>	Fluorine gas	42
F ₂ <g>	F ₂ <g>	Difluorine gas	42
Fe ₁	Fe	Iron	43
Fe ₁ <g>	Fe<g>	Iron gas	43
Fe ₂ <g>	Fe ₂ <g>	Diiron gas	44
Fm ₁	Fm	Fermium	44
Fm ₁ <g>	Fm<g>	Fermium gas	45
Fr ₁	Fr	Francium	45

ASCII order	Formula	Name	Page
Fr ₁ <g>	Fr<g>	Francium gas	46
Fr ₂ <g>	Fr ₂ <g>	Difrancium gas	46
Ga ₁	Ga	Gallium	47
Ga ₁ <g>	Ga<g>	Gallium gas	47
Ga ₂ <g>	Ga ₂ <g>	Digallium gas	48
Gd ₁	Gd	Gadolinium	48
Gd ₁ <g>	Gd<g>	Gadolinium gas	49
Ge ₁	Ge	Germanium	49
Ge ₁ <g>	Ge<g>	Germanium gas	50
Ge ₂ <g>	Ge ₂ <g>	Digermanium gas	50
H ₁ <g>	H<g>	Hydrogen gas	51
H ₂ <g>	H ₂ <g>	Dihydrogen gas	51
He ₁ <g>	He<g>	Helium gas	52
Hf ₁	Hf	Hafnium	52
Hf ₁ <g>	Hf<g>	Hafnium gas	53
Hg ₁	Hg<liquid>	Mercury <i>liquid</i>	53
Hg ₁ <g>	Hg<g>	Mercury gas	54
Ho ₁	Ho	Holmium	54
Ho ₁ <g>	Ho<g>	Holmium gas	55
I ₁ <g>	I<g>	Iodine gas	55
I ₂	I ₂	Diiodine	56
I ₂ <g>	I ₂ <g>	Diiodine gas	56
In ₁	In	Indium	57
In ₁ <g>	In<g>	Indium gas	57
In ₂ <g>	In ₂ <g>	Diindium gas	58
Ir ₁	Ir	Iridium	58
Ir ₁ <g>	Ir<g>	Iridium gas	59
K ₁	K	Potassium	59
K ₁ <g>	K<g>	Potassium gas	60
K ₂ <g>	K ₂ <g>	Dipotassium gas	60
Kr ₁ <g>	Kr<g>	Krypton gas	61
La ₁	La	Lanthanum	61
La ₁ <g>	La<g>	Lanthanum gas	62
Li ₁	Li	Lithium	62
Li ₁ <g>	Li<g>	Lithium gas	63
Li ₂ <g>	Li ₂ <g>	Dilithium gas	63
Lu ₁	Lu	Lutetium	64
Lu ₁ <g>	Lu<g>	Lutetium gas	64
Mg ₁	Mg	Magnesium	65
Mg ₁ <g>	Mg<g>	Magnesium gas	65
Mg ₂ <g>	Mg ₂ <g>	Dimagnesium gas	66
Mn ₁	Mn	Manganese	66
Mn ₁ <g>	Mn<g>	Manganese gas	67
Mo ₁	Mo	Molybdenum	67
Mo ₁ <g>	Mo<g>	Molybdenum gas	68
Mo ₂ <g>	Mo ₂ <g>	Dimolybdenum gas	68
N ₁ <g>	N<g>	Nitrogen gas	69
N ₂ <g>	N ₂ <g>	Dinitrogen gas	69

ASCII order	Formula	Name	Page
N ₃ <g>	N ₃ <g>	Trinitrogen gas	70
Na ₁	Na	Sodium	70
Na ₁ <g>	Na<g>	Sodium gas	71
Na ₂ <g>	Na ₂ <g>	Disodium gas	71
Nb ₁	Nb	Niobium	72
Nb ₁ <g>	Nb<g>	Niobium gas	72
Nd ₁	Nd	Neodymium	73
Nd ₁ <g>	Nd<g>	Neodymium gas	73
Ne ₁ <g>	Ne<g>	Neon gas	74
Ni ₁	Ni	Nickel	74
Ni ₁ <g>	Ni<g>	Nickel gas	75
Ni ₂ <g>	Ni ₂ <g>	Dinickel gas	75
Np ₁	Np	Neptunium	76
Np ₁ <g>	Np<g>	Neptunium gas	76
O ₁ <g>	O<g>	Oxygen gas	77
O ₂ <g>	O ₂ <g>	Dioxygen gas	77
O ₃ <g>	O ₃ <g>	Trioxxygen gas	78
Os ₁	Os	Osmium	78
Os ₁ <g>	Os<g>	Osmium gas	79
P ₁	P<White>	Phosphorus <i>white</i>	79
P ₁ <RED>	P<Red>	Phosphorus <i>red</i>	80
P ₁ <g>	P<g>	Phosphorus gas	80
P ₂ <g>	P ₂ <g>	Diphosphorous gas	81
P ₃ <g>	P ₃ <g>	Triphosphorous gas	81
P ₄ <g>	P ₄ <g>	Tetraphosphorous gas	82
Pa ₁	Pa	Protactinium	82
Pa ₁ <g>	Pa<g>	Protactinium gas	83
Pb ₁	Pb	Lead	83
Pb ₁ <g>	Pb<g>	Lead gas	84
Pb ₂ <g>	Pb ₂ <g>	Dilead gas	84
Pd ₁	Pd	Palladium	85
Pd ₁ <g>	Pd<g>	Palladium gas	85
Pm ₁	Pm	Promethium	86
Pm ₁ <g>	Pm<g>	Promethium gas	86
Po ₁	Po	Polonium	87
Po ₁ <g>	Po<g>	Polonium gas	87
Po ₂ <g>	Po ₂ <g>	Dipolonium gas	88
Pr ₁	Pr	Praseodymium	88
Pr ₁ <g>	Pr<g>	Praseodymium gas	89
Pt ₁	Pt	Platinum	89
Pt ₁ <g>	Pt<g>	Platinum gas	90
Pu ₁	Pu	Plutonium	90
Pu ₁ <g>	Pu<g>	Plutonium gas	91
Ra ₁	Ra	Radium	91
Ra ₁ <g>	Ra<g>	Radium gas	92
Rb ₁	Rb	Rubidium	92
Rb ₁ <g>	Rb<g>	Rubidium gas	93
Rb ₂ <g>	Rb ₂ <g>	Dirubidium gas	93

ASCII order	Formula	Name	Page
Re ₁	Re	Rhenium	94
Re ₁ <g>	Re<g>	Rhenium gas	94
Rh ₁	Rh	Rhodium	95
Rh ₁ <g>	Rh<g>	Rhodium gas	95
Rn ₁ <g>	Rn<g>	Radon gas	96
Ru ₁	Ru	Ruthenium	96
Ru ₁ <g>	Ru<g>	Ruthenium gas	97
S ₁	S	Sulphur	97
S ₁ <g>	S<g>	Sulphur gas	98
S ₂ <g>	S ₂ <g>	Disulphur gas	98
S ₃ <g>	S ₃ <g>	Trisulphur gas	99
S ₄ <g>	S ₄ <g>	Tetrasulphur gas	99
S ₅ <g>	S ₅ <g>	Pentasilphur gas	100
S ₆ <g>	S ₆ <g>	Hexasilphur gas	100
S ₇ <g>	S ₇ <g>	Heptasilphur gas	101
S ₈ <g>	S ₈ <g>	Octasilphur gas	101
Sb ₁	Sb	Antimony	102
Sb ₁ <g>	Sb<g>	Antimony gas	102
Sb ₂ <g>	Sb ₂ <g>	Diantimony gas	103
Sb ₃ <g>	Sb ₃ <g>	Triantimony gas	103
Sb ₄ <g>	Sb ₄ <g>	Tetraantimony gas	104
Sc ₁	Sc	Scandium	104
Sc ₁ <g>	Sc<g>	Scandium gas	105
Se ₁	Se	Selenium	105
Se ₁ <g>	Se<g>	Selenium gas	106
Se ₂ <g>	Se ₂ <g>	Diselenium gas	106
Se ₃ <g>	Se ₃ <g>	Triselenium gas	107
Se ₄ <g>	Se ₄ <g>	Tetraselenium gas	107
Se ₅ <g>	Se ₅ <g>	Pentaseelenium gas	108
Se ₆ <g>	Se ₆ <g>	Hexaseelenium gas	108
Se ₇ <g>	Se ₇ <g>	Heptaseelenium gas	109
Se ₈ <g>	Se ₈ <g>	Octaseelenium gas	109
Si ₁	Si	Silicon	110
Si ₁ <g>	Si<g>	Silicon gas	110
Si ₂ <g>	Si ₂ <g>	Disilicon gas	111
Si ₃ <g>	Si ₃ <g>	Trisilicon gas	111
Sm ₁	Sm	Samarium	112
Sm ₁ <g>	Sm<g>	Samarium gas	112
Sn ₁	Sn	Tin	113
Sn ₁ <g>	Sn<g>	Tin gas	113
Sn ₂ <g>	Sn ₂ <g>	Ditin gas	114
Sr ₁	Sr	Strontium	114
Sr ₁ <g>	Sr<g>	Strontium gas	115
T ₁ <g>	T<g>	Tritium gas	115
T ₂ <g>	T ₂ <g>	Ditritium gas	116
Ta ₁	Ta	Tantalum	116
Ta ₁ <g>	Ta<g>	Tantalum gas	117
Tb ₁	Tb	Terbium	117

ASCII order	Formula	Name	Page
Tb ₁ <g>	Tb<g>	Terbium gas	118
Tc ₁	Tc	Technetium	118
Tc ₁ <g>	Tc<g>	Technetium gas	119
Te ₁	Te	Tellurium	119
Te ₁ <g>	Te<g>	Tellurium gas	120
Te ₂ <g>	Te ₂ <g>	Ditellurium gas	120
Te ₃ <g>	Te ₃ <g>	Tritellurium gas	121
Te ₄ <g>	Te ₄ <g>	Tetratellurium gas	121
Te ₅ <g>	Te ₅ <g>	Pentatellurium gas	122
Te ₆ <g>	Te ₆ <g>	Hexatellurium gas	122
Te ₇ <g>	Te ₇ <g>	Heptatellurium gas	123
Th ₁	Th	Thorium	123
Th ₁ <g>	Th<g>	Thorium gas	124
Ti ₁	Ti	Titanium	124
Ti ₁ <g>	Ti<g>	Titanium gas	125
Ti ₂ <g>	Ti ₂ <g>	Dititanium gas	125
Tl ₁	Tl	Thallium	126
Tl ₁ <g>	Tl<g>	Thallium gas	126
Tm ₁	Tm	Thullium	127
Tm ₁ <g>	Tm<g>	Thullium gas	127
U ₁	U	Uranium	128
U ₁ <g>	U<g>	Uranium gas	128
V ₁	V	Vanadium	129
V ₁ <g>	V<g>	Vanadium gas	129
W ₁	W	Tungsten	130
W ₁ <g>	W<g>	Tungsten gas	130
Xe ₁ <g>	Xe<g>	Xenon gas	131
Xe ₂ <g>	Xe ₂ <g>	Dixenon gas	131
Y ₁	Y	Yttrium	132
Y ₁ <g>	Y<g>	Yttrium gas	132
Yb ₁	Yb	Ytterbium	133
Yb ₁ <g>	Yb<g>	Ytterbium gas	133
Zn ₁	Zn	Zinc	134
Zn ₁ <g>	Zn<g>	Zinc gas	134
Zr ₁	Zr	Zirconium	135
Zr ₁ <g>	Zr<g>	Zirconium gas	135
Zr ₂ <g>	Zr ₂ <g>	Dizirconium gas	136
Ag ₁ Br ₁	AgBr	Silver Bromide	137
Ag ₁ Br ₁ <g>	AgBr<g>	Silver Bromide gas	137
Ag ₁ Br ₁ O ₃	AgBrO ₃	Silver Bromate	138
Ag ₁ C ₁ N ₁	AgCN	Silver Cyanide	138
Ag ₁ Cl ₁	AgCl	Silver Chloride	139
Ag ₁ Cl ₁ <g>	AgCl<g>	Silver Chloride gas	139
Ag ₁ Cl ₁ O ₃	AgClO ₃	Silver Chlorate	140
Ag ₁ D ₁ <g>	AgD<g>	Silver Deuteride	140
Ag ₁ F ₁	AgF	Silver Fluoride	141
Ag ₁ F ₁ <g>	AgF<g>	Silver Fluoride gas	141

ASCII order	Formula	Name	Page
Ag ₁ H ₁ <g>	AgH<g>	Silver Hydride gas	142
Ag ₁ I ₁	AgI	Silver Iodide	142
Ag ₁ I ₁ <g>	AgI<g>	Silver Iodide gas	143
Ag ₁ N ₁ O ₃	AgNO ₃	Silver Nitrate	143
Ag ₁ O ₁ <g>	AgO<g>	Monosilver Oxide gas	144
Ag ₁ P ₂	AgP ₂	Silver Diphosphide	144
Ag ₁ P ₃	AgP ₃	Silver Triphosphide	145
Ag ₁ S ₁ <g>	AgS<g>	Monosilver Sulphide gas	145
Ag ₁ Se ₁ <g>	AgSe<g>	Monosilver Selenide gas	146
Ag ₁ Te ₁ <g>	AgTe<g>	Monosilver Telluride gas	146
Ag ₂ C ₁ O ₃	Ag ₂ CO ₃	Silver Carbonate	147
Ag ₂ Cr ₁ O ₄	Ag ₂ CrO ₄	Silver Chromate	147
Ag ₂ O ₁	Ag ₂ O	Silver Oxide	148
Ag ₂ O ₄ S ₁	Ag ₂ SO ₄	Silver Sulphate	148
Ag ₂ O ₄ W ₁	Ag ₂ WO ₄	Silver Tungstate	149
Ag ₂ S ₁	Ag ₂ S	Silver Sulphide	149
Ag ₂ S ₁ <g>	Ag ₂ S<g>	Silver Sulphide gas	150
Ag ₂ Se ₁	Ag ₂ Se	Silver Selenide	150
Ag ₂ Se ₁ <g>	Ag ₂ Se<g>	Silver Selenide gas	151
Ag ₂ Te ₁	Ag ₂ Te	Silver Telluride	151
Ag ₂ Te ₁ <g>	Ag ₂ Te<g>	Silver Telluride gas	152
Al ₁ As ₁	AlAs	Aluminium Arsenide	152
Al ₁ As ₁ <g>	AlAs<g>	Aluminium Arsenide gas	153
Al ₁ As ₁ O ₄	AlAsO ₄	Aluminium Arsenate	153
Al ₁ B ₁₂	AlB ₁₂	Aluminium Dodecaboride	154
Al ₁ B ₁ O ₂ <g>	AlBO ₂ <g>	Aluminium Borate	154
Al ₁ B ₂	AlB ₂	Aluminium Diboride	155
Al ₁ Br ₁ <g>	AlBr<g>	Aluminium Monobromide gas	155
Al ₁ Br ₂ <g>	AlBr ₂ <g>	Aluminium Dibromide gas	156
Al ₁ Br ₃	AlBr ₃	Aluminium Bromide	156
Al ₁ Br ₃ <g>	AlBr ₃ <g>	Aluminium Bromide gas	157
Al ₁ C ₁ <g>	AlC<g>	Monoaluminium Monocarbide gas	157
Al ₁ C ₂ <g>	AlC ₂ <g>	Monoaluminium Dicarbide gas	158
Al ₁ Ce ₁ O ₃	CeAlO ₃	Cerium Aluminate	158
Al ₁ Cl ₁ <g>	AlCl<g>	Aluminium Monochloride gas	159
Al ₁ Cl ₁ F ₁ <g>	AlClF<g>	Aluminium Monofluoride Monochloride gas	159
Al ₁ Cl ₁ F ₁ H ₁ <g>	AlClFH<g>	Aluminium Chloride Fluoride Hydride gas	160
Al ₁ Cl ₁ F ₂ <g>	AlClF ₂ <g>	Aluminium Monochloride Difluoride gas	160
Al ₁ Cl ₁ H ₁ <g>	AlClH<g>	Aluminium Monochloride Monohydride gas	161
Al ₁ Cl ₁ H ₁ O ₁ <g>	AlCl(OH)<g>	Aluminium Chloride Hydroxide gas	161
Al ₁ Cl ₁ H ₂ <g>	AlClH ₂ <g>	Aluminium Monochloride Dihydride gas	162
Al ₁ Cl ₁ H ₂ O ₂ <g>	AlCl(OH) ₂ <g>	Aluminium Chloride Dihydroxide gas	162
Al ₁ Cl ₁ O ₁	AlOCl	Aluminium Chloride Oxide	163
Al ₁ Cl ₁ O ₁ <g>	AlOCl<g>	Aluminium Chloride Oxide gas	163
Al ₁ Cl ₂ <g>	AlCl ₂ <g>	Aluminium Dichloride gas	164
Al ₁ Cl ₂ F ₁ <g>	AlCl ₂ F<g>	Aluminium Dichloride Monofluoride gas	164
Al ₁ Cl ₂ H ₁ <g>	AlCl ₂ H<g>	Aluminium Dichloride Hydride gas	165
Al ₁ Cl ₂ H ₁ O ₁ <g>	AlCl ₂ (OH)<g>	Aluminium Dichloride Hydroxide gas	165

ASCII order	Formula	Name	Page
Al ₁ Cl ₂ O ₁ <g>	AlOCl ₂ <g>	Aluminium Dichloride Oxide gas	166
Al ₁ Cl ₃	AlCl ₃	Aluminium Chloride	166
Al ₁ Cl ₃ <g>	AlCl ₃ <g>	Aluminium Chloride gas	167
Al ₁ Cl ₃ H ₁₂ O ₆	AlCl ₃ ·6H ₂ O	Aluminium Chloride—Water (1/6)	167
Al ₁ Cl ₄ K ₁	KAiCl ₄	Potassium Tetrachloroaluminate	168
Al ₁ Cl ₄ Na ₁	NaAlCl ₄	Sodium Tetrachloroaluminate	168
Al ₁ Cl ₆ K ₃	K ₃ AlCl ₆	Tripotassium Hexachloroaluminate	169
Al ₁ Cl ₆ Na ₃	Na ₃ AlCl ₆	Trisodium Hexachloroaluminate	169
Al ₁ Cu ₁ S ₁ <g>	AlCuS <g>	Aluminium Copper Monosulphide gas	170
Al ₁ Cu ₁ S ₂ <g>	AlCuS ₂ <g>	Aluminium Copper Disulphide gas	170
Al ₁ F ₁ <g>	AlF <g>	Aluminium Monofluoride gas	171
Al ₁ F ₁ H ₁ <g>	AlFH <g>	Aluminium Hydride Fluoride gas	171
Al ₁ F ₁ H ₁ O ₁ <g>	AlF(OH) <g>	Aluminium Fluoride Hydroxide gas	172
Al ₁ F ₁ H ₂ <g>	AlFH ₂ <g>	Aluminium Fluoride Dihydride gas	172
Al ₁ F ₁ H ₂ O ₂ <g>	AlF(OH) ₂ <g>	Aluminium Fluoride Dihydroxide gas	173
Al ₁ F ₁ O ₁ <g>	AlOF <g>	Aluminium Fluoride Oxide gas	173
Al ₁ F ₂ <g>	AlF ₂ <g>	Aluminium Difluoride gas	174
Al ₁ F ₂ H ₁ <g>	AlF ₂ H <g>	Aluminium Difluoride Hydride gas	174
Al ₁ F ₂ H ₁ O ₁ <g>	AlF ₂ (OH) <g>	Aluminium Difluoride Hydroxide gas	175
Al ₁ F ₂ Na ₁ O ₁ <g>	NaAlOF ₂ <g>	Sodium Difluorooxoaluminate	175
Al ₁ F ₂ O ₁ <g>	AlF ₂ O <g>	Aluminium Difluoride Oxide gas	176
Al ₁ F ₃	AlF ₃	Aluminium Fluoride	176
Al ₁ F ₃ <g>	AlF ₃ <g>	Aluminium Fluoride gas	177
Al ₁ F ₄ K ₁ <g>	KAiF ₄ <g>	Potassium Tetrafluoroaluminate gas	177
Al ₁ F ₄ Li ₁ <g>	LiAlF ₄ <g>	Lithium Tetrafluoroaluminate gas	178
Al ₁ F ₄ Na ₁ <g>	NaAlF ₄ <g>	Sodium Tetrafluoroaluminate gas	178
Al ₁ F ₆ K ₃	K ₃ AlF ₆	Tripotassium Hexafluoroaluminate	179
Al ₁ F ₆ Li ₃	Li ₃ AlF ₆	Trilithium Hexafluoroaluminate	179
Al ₁ F ₆ Na ₃	Na ₃ AlF ₆	Trisodium Hexafluoroaluminate, <i>Cryolite</i>	180
Al ₁ H ₁ <g>	AlH <g>	Aluminium Monohydride gas	180
Al ₁ H ₁ O ₂ <g>	AlO(OH) <g>	Aluminium Oxide Hydroxide gas	181
Al ₁ H ₂ <g>	AlH ₂ <g>	Aluminium Dihydride gas	181
Al ₁ H ₂ Na ₁ O ₇ Si ₂	NaAlO ₂ ·2SiO ₂ ·H ₂ O	Sodium Aluminate—Silicon Oxide— —Water (1/2/1), <i>Analcite</i>	182
Al ₁ H ₂ O ₂ <g>	Al(OH) ₂ <g>	Aluminium Dihydroxide gas	182
Al ₁ H ₃	AlH ₃	Aluminium Hydride	183
Al ₁ H ₃ <g>	AlH ₃ <g>	Aluminium Hydride gas	183
Al ₁ H ₃ O ₃	Al(OH) ₃	Aluminium Hydroxide	184
Al ₁ H ₃ O ₃ <g>	Al(OH) ₃ <g>	Aluminum Hydroxide gas	184
Al ₁ H ₄ Li ₁	LiAlH ₄	Lithium Tetrahydridoaluminate	185
Al ₁ H ₆ K ₁ O ₁₁ S ₂	KAl(SO ₄) ₂ ·3H ₂ O	Potassium Aluminium Bis(Sulphate)—Water (1/3)	185
Al ₁ H ₂₄ K ₁ O ₂₀ S ₂	KAl(SO ₄) ₂ ·12H ₂ O	Potassium Aluminium Bis(Sulphate)—Water (1/12)	186
Al ₁ I ₁ <g>	AlI <g>	Aluminium Monoiodide gas	186
Al ₁ I ₂ <g>	AlI ₂ <g>	Aluminium Diiodide gas	187
Al ₁ I ₃	AlI ₃	Aluminium Iodide	187
Al ₁ I ₃ <g>	AlI ₃ <g>	Aluminium Iodide gas	188
Al ₁ K ₁ O ₂	KAlO ₂	Potassium Aluminate	188
Al ₁ K ₁ O ₄ Si ₁	KAlSiO ₄	Potassium Aluminium Silicate, <i>Kaliophilite</i>	189

ASCII order	Formula	Name	Page
Al ₁ K ₁ O ₆ Si ₂	KAlSi ₂ O ₆	Potassium Aluminium Disilicate, <i>Leucite</i>	189
Al ₁ K ₁ O ₈ S ₂	KAl(SO ₄) ₂	Potassium Aluminium Bis(Sulphate)	190
Al ₁ Li ₁ O ₂	LiAlO ₂	Lithium Aluminate	190
Al ₁ N ₁	AlN	Aluminium Mononitride	191
Al ₁ N ₁ <g>	AlN<g>	Aluminium Mononitride gas	191
Al ₁ Na ₁ O ₂	NaAlO ₂	Sodium Aluminate	192
Al ₁ Na ₁ O ₄ Si ₁	NaAlSiO ₄	Sodium Aluminium Silicate	192
Al ₁ O ₁ <g>	AlO<g>	Aluminium Monoxide gas	193
Al ₁ O ₂ <g>	AlO ₂ <g>	Aluminium Dioxide gas	193
Al ₁ O ₄ P ₁	AlPO ₄	Aluminium Phosphate	194
Al ₁ P ₁	AlP	Aluminium Monophosphide	194
Al ₁ P ₁ <g>	AlP<g>	Aluminium Monophosphide gas	195
Al ₁ P ₂ <g>	AlP ₂ <g>	Aluminium Diphosphide gas	195
Al ₁ S ₁ <g>	AlS<g>	Aluminium Monosulphide gas	196
Al ₁ S ₂ <g>	AlS ₂ <g>	Aluminium Disulphide gas	196
Al ₁ Se ₁ <g>	AlSe<g>	Aluminium Monoselenide gas	197
Al ₁ Te ₁ <g>	AlTe<g>	Aluminium Monotelluride gas	197
Al ₂ Ba ₁ O ₄	Al ₂ O ₃ ·BaO	Aluminium Oxide—Barium Oxide (1/1)	198
Al ₂ Ba ₃ O ₆	Al ₂ O ₃ ·3BaO	Aluminium Oxide—Barium Oxide (1/3)	198
Al ₂ Be ₁ O ₄	Al ₂ O ₃ ·BeO	Aluminium Oxide—Beryllium Oxide (1/1)	199
Al ₂ Br ₆ <g>	Al ₂ Br ₆ <g>	Dialuminium Hexabromide gas	199
Al ₂ C ₁ O ₁	Al ₂ CO	Dialuminium Carbide Oxide	200
Al ₂ C ₂ <g>	Al ₂ C ₂ <g>	Dialuminium Dicarbide gas	200
Al ₂ Ca ₁ H ₄ O ₁₀ Si ₂	Al ₂ O ₃ ·CaO·2SiO ₂ ·2H ₂ O	Aluminium Oxide—Calcium Oxide— —Silicon Oxide—Water (1/1/2/2), <i>Lawsonite</i>	201
Al ₂ Ca ₁ O ₄	Al ₂ O ₃ ·CaO	Aluminium Oxide—Calcium Oxide (1/1)	201
Al ₂ Ca ₁ O ₆ Si ₁ <PYROXENE>	Al ₂ O ₃ ·CaO·SiO ₂	Aluminium Oxide—Calcium Oxide— —Silicon Oxide (1/1/1), <i>Pyroxene</i>	202
Al ₂ Ca ₁ O ₈ Si ₂ <ANORTHITE>	Al ₂ O ₃ ·CaO·2SiO ₂	Aluminium Oxide—Calcium Oxide— —Silicon Oxide (1/1/2), <i>Anorthite</i>	202
Al ₂ Ca ₂ O ₇ Si ₁ <GEHLENITE>	Al ₂ O ₃ ·SiO ₂ ·2CaO	Aluminium Oxide—Silicon Oxide— —Calcium Oxide (1/1/2), <i>Gehlenite</i>	203
Al ₂ Ca ₃ H ₁₂ O ₁₂	Al ₂ O ₃ ·3CaO·6H ₂ O	Aluminium Oxide—Calcium Oxide— —Water (1/3/6)	203
Al ₂ Ca ₃ O ₁₂ Si ₃ <GROSS-SULAR>	Al ₂ O ₃ ·3CaO·3SiO ₂	Aluminium Oxide—Calcium Oxide— —Silicon Oxide (1/3/3), <i>Grossular</i>	204
Al ₂ Ca ₃ O ₆	Al ₂ O ₃ ·3CaO	Aluminium Oxide—Calcium Oxide (1/3)	204
Al ₂ Ca ₄ H ₂₆ O ₂₀	Al ₂ O ₃ ·4CaO·12H ₂ O	Aluminium Oxide—Calcium Oxide— —Water (1/4/12)	205
Al ₂ Cd ₁ O ₄	Al ₂ O ₃ ·CdO	Aluminium Oxide—Cadmium Oxide (1/1)	205
Al ₂ Cl ₆ <g>	Al ₂ Cl ₆ <g>	Dialuminium Hexachloride gas	206
Al ₂ Cl ₈ Ni ₁ <g>	NiAl ₂ Cl ₈ <g>	Nickel Octachloro-dialuminate gas	206
Al ₂ Cl ₉ K ₃	K ₃ Al ₂ Cl ₉	Tripotassium Nonachloro-dialuminate	207
Al ₂ Co ₁ O ₄	Al ₂ O ₃ ·CoO	Aluminium Oxide—Cobalt Oxide (1/1)	207
Al ₂ Cu ₁ O ₄	Al ₂ O ₃ ·CuO	Aluminium Oxide—Copper Oxide (1/1)	208
Al ₂ F ₆ <g>	Al ₂ F ₆ <g>	Dialuminium Hexafluoride gas	208
Al ₂ Fe ₁ O ₄	Al ₂ O ₃ ·FeO	Aluminium Oxide—Iron Oxide (1/1)	209
Al ₂ H ₂ O ₄ <BOEHMITE>	Al ₂ O ₃ ·H ₂ O	Aluminium Oxide—Water (1/1), <i>Boehmite</i>	209

ASCII order	Formula	Name	Page
$\text{Al}_2\text{H}_2\text{O}_4$ <DIASPORE>	$\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O}$	Aluminium Oxide—Water (1/1), <i>Diaspore</i>	210
$\text{Al}_2\text{H}_4\text{O}_9\text{Si}_2$ <DICKITE>	$\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$	Aluminium Oxide—Silicon Oxide— —Water (1/2/2), <i>Dickite</i>	210
$\text{Al}_2\text{H}_4\text{O}_9\text{Si}_2$ <HALLOYSITE>	$\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$	Aluminium Oxide—Silicon Oxide— —Water (1/2/2), <i>Halloysite</i>	211
$\text{Al}_2\text{H}_4\text{O}_9\text{Si}_2$ <KAOLINITE>	$\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$	Aluminium Oxide—Silicon Oxide— —Water (1/2/2), <i>Kaolinite</i>	211
$\text{Al}_2\text{H}_6\text{O}_6$ <BAYERITE>	$\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$	Aluminium Oxide—Water (1/3), <i>Bayerite</i>	212
$\text{Al}_2\text{H}_6\text{O}_6$ <GIBBSITE>	$\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$	Aluminium Oxide—Water (1/3), <i>Gibbsite</i>	212
Al_2I_6 <g>	Al_2I_6 <g>	Dialuminium Hexaiodide gas	213
$\text{Al}_2\text{K}_2\text{O}_8\text{Si}_2$ <KALIOPHIL.>	$\text{Al}_2\text{O}_3 \cdot \text{K}_2\text{O} \cdot 2\text{SiO}_2$	Aluminium Oxide—Potassium Oxide— —Silicon Oxide (1/1/2), <i>Kaliophilite</i>	213
$\text{Al}_2\text{K}_2\text{O}_{12}\text{Si}_4$ <LEUCITE>	$\text{Al}_2\text{O}_3 \cdot \text{K}_2\text{O} \cdot 4\text{SiO}_2$	Aluminium Oxide—Potassium Oxide— —Silicon Oxide (1/1/4), <i>Leucite</i>	214
$\text{Al}_2\text{K}_2\text{O}_{16}\text{Si}_6$ <ADULARIA>	$\text{Al}_2\text{O}_3 \cdot \text{K}_2\text{O} \cdot 6\text{SiO}_2$	Aluminium Oxide—Potassium Oxide— —Silicon Oxide (1/1/6), <i>Adularia</i>	214
$\text{Al}_2\text{K}_2\text{O}_{16}\text{Si}_6$ <MICROCLINE>	$\text{Al}_2\text{O}_3 \cdot \text{K}_2\text{O} \cdot 6\text{SiO}_2$	Aluminium Oxide—Potassium Oxide— —Silicon Oxide (1/1/6), <i>Microcline</i>	215
$\text{Al}_2\text{K}_2\text{O}_{16}\text{Si}_6$ <SANIDINE>	$\text{Al}_2\text{O}_3 \cdot \text{K}_2\text{O} \cdot 6\text{SiO}_2$	Aluminium Oxide—Potassium Oxide— —Silicon Oxide (1/1/6), <i>Sanidine</i>	215
$\text{Al}_2\text{Li}_2\text{O}_4$	$\text{Al}_2\text{O}_3 \cdot \text{Li}_2\text{O}$	Aluminium Oxide—Lithium Oxide (1/1)	216
$\text{Al}_2\text{Li}_2\text{O}_8\text{Si}_2$ <EUCRYPTITE>	$\text{Al}_2\text{O}_3 \cdot \text{Li}_2\text{O} \cdot 2\text{SiO}_2$	Aluminium Oxide—Lithium Oxide— —Silicon Oxide (1/1/2), β - <i>Eucryptite</i>	216
$\text{Al}_2\text{Li}_2\text{O}_{12}\text{Si}_4$ <SPODUMA>	$\text{Al}_2\text{O}_3 \cdot \text{Li}_2\text{O} \cdot 4\text{SiO}_2$	Aluminium Oxide—Lithium Oxide— —Silicon Oxide (1/1/4), α - <i>Spodumene</i>	217
$\text{Al}_2\text{Li}_2\text{O}_{12}\text{Si}_4$ <SPODUMB>	$\text{Al}_2\text{O}_3 \cdot \text{Li}_2\text{O} \cdot 4\text{SiO}_2$	Aluminium Oxide—Lithium Oxide— —Silicon Oxide (1/1/4), β - <i>Spodumene</i>	217
$\text{Al}_2\text{Mg}_1\text{O}_4$	$\text{Al}_2\text{O}_3 \cdot \text{MgO}$	Aluminium Oxide—Magnesium Oxide (1/1)	218
$\text{Al}_2\text{Mg}_3\text{O}_{12}\text{Si}_3$ <PYROPE>	$\text{Al}_2\text{O}_3 \cdot 3\text{MgO} \cdot 3\text{SiO}_2$	Aluminium Oxide—Magnesium Oxide— —Silicon Oxide (1/3/3), <i>Pyrope</i>	218
$\text{Al}_2\text{Mn}_1\text{O}_4$	$\text{Al}_2\text{O}_3 \cdot \text{MnO}$	Aluminium Oxide—Manganese Oxide (1/1)	219
$\text{Al}_2\text{Na}_2\text{O}_{12}\text{Si}_4$ <JADEITE>	$\text{Al}_2\text{O}_3 \cdot \text{Na}_2\text{O} \cdot 4\text{SiO}_2$	Aluminium Oxide—Sodium Oxide— —Silicon Oxide (1/1/4), <i>Jadeite</i>	219
$\text{Al}_2\text{Na}_2\text{O}_{16}\text{Si}_6$ <ALBITEH>	$\text{Al}_2\text{O}_3 \cdot \text{Na}_2\text{O} \cdot 6\text{SiO}_2$	Aluminium Oxide—Sodium Oxide— —Silicon Oxide (1/1/6), <i>High Albite</i>	220
$\text{Al}_2\text{Na}_2\text{O}_{16}\text{Si}_6$ <ALBITEL>	$\text{Al}_2\text{O}_3 \cdot \text{Na}_2\text{O} \cdot 6\text{SiO}_2$	Aluminium Oxide—Sodium Oxide— —Silicon Oxide (1/1/6), <i>Low Albite</i>	220
$\text{Al}_2\text{Ni}_1\text{O}_4$	$\text{Al}_2\text{O}_3 \cdot \text{NiO}$	Aluminium Oxide—Nickel Oxide (1/1)	221
Al_2O_1 <g>	Al_2O <g>	Dialuminium Monoxide gas	221
Al_2O_2 <g>	Al_2O_2 <g>	Dialuminium Dioxide gas	222
Al_2O_3	Al_2O_3	α - Aluminium Oxide	222
Al_2O_3 <AL2O3DELTA>	Al_2O_3	δ - Aluminium Oxide	223
Al_2O_3 <AL2O3GAMMA>	Al_2O_3	γ - Aluminium Oxide	223
Al_2O_3 <AL2O3KAPPA>	Al_2O_3	κ - Aluminium Oxide	224
Al_2O_3 <g>	Al_2O_3 <g>	Aluminium Oxide gas	224
$\text{Al}_2\text{O}_4\text{Sr}_1$	$\text{Al}_2\text{O}_3 \cdot \text{SrO}$	Aluminium Oxide—Strontium Oxide (1/1)	225
$\text{Al}_2\text{O}_4\text{Zn}_1$	$\text{Al}_2\text{O}_3 \cdot \text{ZnO}$	Aluminium Oxide—Zinc Oxide (1/1)	225

ASCII order	Formula	Name	Page
$\text{Al}_2\text{O}_5\text{Si}_1$ <ANDALUSITE>	$\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$	Aluminium Oxide—Silicon Oxide (1/1), <i>Andalusite</i>	226
$\text{Al}_2\text{O}_5\text{Si}_1$ <KYANITE>	$\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$	Aluminium Oxide—Silicon Oxide (1/1), <i>Kyanite</i>	226
$\text{Al}_2\text{O}_5\text{Si}_1$ <SILLIMANITE>	$\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$	Aluminium Oxide—Silicon Oxide (1/1), <i>Sillimanite</i>	227
$\text{Al}_2\text{O}_5\text{Ti}_1$	$\text{Al}_2\text{O}_3 \cdot \text{TiO}_2$	Aluminium Oxide—Titanium Oxide (1/1)	227
$\text{Al}_2\text{O}_6\text{Sr}_3$	$\text{Al}_2\text{O}_3 \cdot 3\text{SrO}$	Aluminium Oxide—Strontium Oxide (1/3)	228
$\text{Al}_2\text{O}_7\text{Si}_2$	$\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$	Aluminium Oxide—Silicon Oxide (1/2)	228
$\text{Al}_2\text{O}_7\text{Sr}_4$	$\text{Al}_2\text{O}_3 \cdot 4\text{SrO}$	Aluminium Oxide—Strontium Oxide (1/4)	229
$\text{Al}_2\text{O}_{12}\text{S}_3$	$\text{Al}_2(\text{SO}_4)_3$	Aluminium Sulphate	229
Al_2S_1 <g>	Al_2S <g>	Dialuminium Monosulphide gas	230
Al_2S_2 <g>	Al_2S_2 <g>	Dialuminium Disulphide gas	230
Al_2S_3	Al_2S_3	Aluminium Sulphide	231
Al_2Se_1 <g>	Al_2Se <g>	Dialuminium Monoselenide gas	231
Al_2Se_2 <g>	Al_2Se_2 <g>	Dialuminium Diselenide gas	232
Al_2Se_3	Al_2Se_3	Aluminium Selenide	232
Al_2Te_1 <g>	Al_2Te <g>	Dialuminium Monotelluride gas	233
Al_2Te_2 <g>	Al_2Te_2 <g>	Dialuminium Ditetelluride gas	233
Al_2Te_3	Al_2Te_3	Aluminium Telluride	234
$\text{Al}_3\text{F}_{14}\text{Na}_5$	$3\text{AlF}_3 \cdot 5\text{NaF}$	Aluminium Fluoride—Sodium Fluoride (3/5), <i>Chiolite</i>	234
$\text{Al}_3\text{H}_2\text{K}_1\text{O}_{12}\text{Si}_3$	$\text{Al}_2\text{O}_3 \cdot \text{KAlO}_2 \cdot 3\text{SiO}_2 \cdot \text{H}_2\text{O}$	Aluminium Oxide—Potassium Aluminate— —Silicon Oxide—Water (1/1/3/1), <i>Muscovite</i>	235
$\text{Al}_4\text{B}_2\text{O}_9$	$2\text{Al}_2\text{O}_3 \cdot \text{B}_2\text{O}_3$	Aluminium Oxide—Boron Oxide (2/1)	235
$\text{Al}_4\text{C}_1\text{O}_4$	Al_4CO_4	Tetraaluminium Carbide Tetraoxide	236
Al_4C_3	Al_4C_3	Tetraaluminium Tricarbide	236
$\text{Al}_4\text{Ca}_1\text{O}_7$	$\text{CaO} \cdot 2\text{Al}_2\text{O}_3$	Calcium Oxide—Aluminium Oxide (1/2)	237
$\text{Al}_4\text{H}_2\text{Mg}_2\text{O}_{19}\text{Si}_5$	$2\text{Al}_2\text{O}_3 \cdot 2\text{MgO} \cdot 5\text{SiO}_2 \cdot \text{H}_2\text{O}$	Aluminium Oxide—Magnesium Oxide— —Silicon Oxide—Water (2/2/5/1), <i>Hydrous Cordierite</i>	237
$\text{Al}_4\text{Mg}_2\text{O}_{18}\text{Si}_5$ <CORDIER.>	$2\text{Al}_2\text{O}_3 \cdot 2\text{MgO} \cdot 5\text{SiO}_2$	Aluminium Oxide—Magnesium Oxide— —Silicon Oxide (2/2/5), <i>Cordierite Anhydrous</i>	238
$\text{Al}_6\text{O}_{13}\text{Si}_2$ <MULLITE>	$2\text{SiO}_2 \cdot 3\text{Al}_2\text{O}_3$	Silicon Oxide—Aluminium Oxide (2/3), <i>Mullite</i>	238
$\text{Al}_{12}\text{Ca}_1\text{O}_{19}$	$\text{CaO} \cdot 6\text{Al}_2\text{O}_3$	Calcium Oxide—Aluminium Oxide (1/6)	239
$\text{Al}_{14}\text{Ca}_{12}\text{O}_{33}$	$7\text{Al}_2\text{O}_3 \cdot 12\text{CaO}$	Aluminium Oxide—Calcium Oxide (7/12), <i>Sapphire</i>	239
$\text{Al}_{18}\text{B}_4\text{O}_{33}$	$9\text{Al}_2\text{O}_3 \cdot 2\text{B}_2\text{O}_3$	Aluminium Oxide—Boron Oxide (9/2)	240
$\text{Al}_{18}\text{Mg}_7\text{O}_{40}\text{Si}_3$ <SAPPHIR.>	$3\text{SiO}_2 \cdot 7\text{MgO} \cdot 9\text{Al}_2\text{O}_3$	Silicon Oxide—Magnesium Oxide— —Aluminium Oxide (3/7/9), <i>Sapphirine</i>	240
Am_1O_2	AmO_2	Americium Dioxide	241
Am_2O_3	Am_2O_3	Diamericium Trioxide	241
As_1B_1	BAS	Boron Arsenide	242
$\text{As}_1\text{Bi}_1\text{O}_4$	BiAsO_4	Bismuth Arsenate	242
As_1Br_3	AsBr_3	Arsenic Tribromide	243
As_1Br_3 <g>	AsBr_3 <g>	Arsenic Tribromide gas	243

ASCII order	Formula	Name	Page
As ₁ Cl ₃ <g>	AsCl ₃ <g>	Arsenic Trichloride gas	244
As ₁ Cl ₃	AsCl ₃ <g>	Arsenic Trichloride gas	244
As ₁ Cr ₁ O ₄	CrAsO ₄	Cromium Arsenate	245
As ₁ Cs ₃ O ₄	Cs ₃ AsO ₄	Cesium Arsenate	245
As ₁ Cu ₃ O ₄	Cu ₃ AsO ₄	Copper Arsenate	246
As ₁ F ₁ <g>	AsF<g>	Arsenic Monofluoride gas	246
As ₁ F ₃	AsF ₃	Arsenic Trifluoride	247
As ₁ F ₃ <g>	AsF ₃ <g>	Arsenic Trifluoride gas	247
As ₁ F ₅ <g>	AsF ₅ <g>	Arsenic Pentafluoride gas	248
As ₁ Fe ₁ O ₄	FeAsO ₄	Iron Arsenate	248
As ₁ Ga ₁	GaAs	Gallium Arsenide	249
As ₁ Ga ₁ <g>	GaAs<g>	Gallium Arsenide gas	249
As ₁ Ga ₁ O ₄	GaAsO ₄	Gallium Arsenate	250
As ₁ Ge ₁	GeAs	Germanium Monoarsenide	250
As ₁ H ₁ <g>	AsH<g>	Arsenic Monohydride gas	251
As ₁ H ₂ <g>	AsH ₂ <g>	Arsenic Dihydride gas	251
As ₁ H ₃ <g>	AsH ₃ <g>	Arsane gas	252
As ₁ I ₁ <g>	AsI<g>	Arsenic Monoiodide gas	252
As ₁ I ₂ <g>	AsI ₂ <g>	Arsenic Diiodide gas	253
As ₁ I ₃	AsI ₃	Arsenic Triiodide	253
As ₁ I ₃ <g>	AsI ₃ <g>	Arsenic Triiodide gas	254
As ₁ In ₁	InAs	Indium Arsenide	254
As ₁ In ₁ <g>	InAs<g>	Indium Arsenide gas	255
As ₁ In ₁ O ₄	InAsO ₄	Indium Arsenate	255
As ₁ K ₃ O ₄	K ₃ AsO ₄	Potassium Arsenate	256
As ₁ La ₁ O ₄	LaAsO ₄	Lanthanum Arsenate	256
As ₁ Li ₃ O ₄	Li ₃ AsO ₄	Lithium Arsenate	257
As ₁ Mo ₁ O ₄	MoAsO ₄	Molybdenum Arsenate	257
As ₁ N ₁ <g>	AsN<g>	Arsenic Nitride gas	258
As ₁ Na ₃ O ₄	Na ₃ AsO ₄	Sodium Arsenate	258
As ₁ O ₁ <g>	AsO<g>	Arsenic Monoxide gas	259
As ₁ O ₂ <g>	AsO ₂ <g>	Arsenic Dioxide gas	259
As ₁ O ₄ Rb ₃	Rb ₃ AsO ₄	Rubidium Arsenate	260
As ₁ O ₄ Re ₁	ReAsO ₄	Rhenium Arsenate	260
As ₁ O ₄ Sc ₁	ScAsO ₄	Scandium Arsenate	261
As ₁ O ₄ Tl ₁	TlAsO ₄	Thallium Arsenate	261
As ₁ O ₄ Y ₁	YAsO ₄	Yttrium Arsenate	262
As ₁ P ₁ <g>	AsP<g>	Arsenic Monophosphide gas	262
As ₁ P ₃ <g>	AsP ₃ <g>	Arsenic Triphosphide gas	263
As ₁ S ₁ <g>	AsS<g>	Arsenic Monosulphide gas	263
As ₁ Sb ₁ <g>	SbAs<g>	Antimony Monoarsenide gas	264
As ₁ Sb ₃ <g>	Sb ₃ As<g>	Triantimony Monoarsenide gas	264
As ₁ Se ₁ <g>	AsSe<g>	Arsenic Monoselenide gas	265
As ₁ Te ₁ <g>	AsTe<g>	Arsenic Monotelluride gas	265
As ₂ Ba ₃ O ₈	Ba ₃ (AsO ₄) ₂	Barium Arsenate	266
As ₂ Be ₃ O ₈	Be ₃ (AsO ₄) ₂	Beryllium Arsenate	266
As ₂ Ca ₃ O ₈	Ca ₃ (AsO ₄) ₂	Calcium Arsenate	267
As ₂ Cd ₃ O ₈	Cd ₃ (AsO ₄) ₂	Cadmium Arsenate	267

ASCII order	Formula	Name	Page
As ₂ Co ₃ O ₈	Co ₃ (AsO ₄) ₂	Cobalt Bis(Arsenate)	268
As ₂ Cr ₃ O ₈	Cr ₃ (AsO ₄) ₂	Chromium Bis(Arsenate)	268
As ₂ Cu ₃ O ₈	Cu ₃ (AsO ₄) ₂	Copper Bis(Arsenate)	269
As ₂ Fe ₃ O ₈	Fe ₃ (AsO ₄) ₂	Iron Bis(Arsenate)	269
As ₂ Hg ₃ O ₈	Hg ₃ (AsO ₄) ₂	Mercury Bis(Arsenate)	270
As ₂ I ₄ <g>	As ₂ I ₄ <g>	Diarsenic Tetraiodide gas	270
As ₂ I ₆ <g>	As ₂ I ₆ <g>	Diarsenic Hexaiodide gas	271
As ₂ Mg ₃ O ₈	Mg ₃ (AsO ₄) ₂	Magnesium Arsenate	271
As ₂ Mn ₃ O ₈	Mn ₃ (AsO ₄) ₂	Manganese Bis(Arsenate)	272
As ₂ Ni ₃ O ₈	Ni ₃ (AsO ₄) ₂	Nickel Bis(Arsenate)	272
As ₂ O ₃ <ARSENOLITE>	As ₂ O ₃	Diarsenic Trioxide, <i>Arsenolite</i>	273
As ₂ O ₃ <CLAUDETITE>	As ₂ O ₃	Diarsenic Trioxide, <i>Claudetite</i>	273
As ₂ O ₄ Ti ₃	Ti ₃ As ₂ O ₄	Titanium Tetraoxodiarsenate	274
As ₂ O ₅	As ₂ O ₅	Diarsenic Pentoxide	274
As ₂ O ₈ Pb ₃	Pb ₃ (AsO ₄) ₂	Lead Arsenate	275
As ₂ O ₈ Sn ₃	Sn ₃ (AsO ₄) ₂	Tin Diarsenate	275
As ₂ O ₈ Sr ₃	Sr ₃ (AsO ₄) ₂	Strontium Arsenate	276
As ₂ O ₈ Zn ₃	Zn ₃ (AsO ₄) ₂	Zinc Arsenate	276
As ₂ P ₂ <g>	As ₂ P ₂ <g>	Diarsenic Diphosphide gas	277
As ₂ S ₃	As ₂ S ₃	Arsenic Sulphide	277
As ₂ Sb ₂ <g>	Sb ₂ As ₂ <g>	Diantimony Diarsenide gas	278
As ₂ Se ₃	As ₂ Se ₃	Arsenic Selenide	278
As ₂ Si ₁ Zn ₁	SiZnAs ₂	Silicon Zinc Diarsenide	279
As ₂ Te ₃	As ₂ Te ₃	Arsenic Telluride	279
As ₃ P ₁ <g>	As ₃ P<g>	Triarsenic Monophosphide gas	280
As ₃ Sb ₁ <g>	SbAs ₃ <g>	Antimony Triarsenide gas	280
As ₄ O ₆ <g>	As ₄ O ₁₀ <g>	Tetraarsenic Decaoxide gas	281
As ₄ O ₇ <g>	As ₄ O ₆ <g>	Tetraarsenic Hexaoxide gas	281
As ₄ O ₈ <g>	As ₄ O ₇ <g>	Tetraarsenic Heptaoxide gas	282
As ₄ O ₉ <g>	As ₄ O ₈ <g>	Tetraarsenic Octaoxide gas	282
As ₄ O ₁₀ <g>	As ₄ O ₉ <g>	Tetraarsenic Nonaoxide gas	283
As ₄ S ₄	As ₄ S ₄	Tetraarsenic Tetrasulphide	283
As ₄ S ₄ <BETA>	As ₄ S ₄	β- Tetraarsenic Tetrasulphide	284
As ₄ S ₄ <g>	As ₄ S ₄ <g>	Tetraarsenic Tetrasulphide gas	284
As ₈ Ni ₁₁	Ni ₁₁ As ₈	Undecanickel Octaarsenide	285
Au ₁ Br ₁	AuBr	Gold Bromide	285
Au ₁ C ₁ <g>	AuC<g>	Gold Monocarbide gas	286
Au ₁ Cl ₁	AuCl	Gold Monochloride	286
Au ₁ Cl ₁ <g>	AuCl<g>	Gold Monochloride gas	287
Au ₁ Cl ₃	AuCl ₃	Gold Trichloride	287
Au ₁ D ₁ <g>	AuD<g>	Gold Monodeuteride gas	288
Au ₁ F ₃	AuF ₃	Gold Trifluoride	288
Au ₁ H ₁ <g>	AuH<g>	Gold Monohydride gas	289
Au ₁ H ₃ O ₃	Au(OH) ₃	Gold Trihydroxide	289
Au ₁ I ₁	AuI	Gold Monoiodide	290
Au ₁ O ₁ <g>	AuO<g>	Gold Monoxide gas	290
Au ₁ S ₁ <g>	AuS<g>	Gold Monosulphide gas	291
Au ₁ Se ₁ <g>	AuSe<g>	Gold Monoselenide gas	291

ASCII order	Formula	Name	Page
Au ₁ Te ₁ <g>	AuTe<g>	Gold Monotelluride gas	292
Au ₁ Te ₂	AuTe ₂	Gold Ditelluride	292
Au ₂ O ₃	Au ₂ O ₃	Digold Trioxide	293
Au ₂ P ₃	Au ₂ P ₃	Digold Triphosphide	293
B ₁ Ba ₁ O ₂ <g>	BaBO ₂ <g>	Barium Metaborate gas	294
B ₁ Be ₁ O ₂ <g>	BeBO ₂ <g>	Berilium Metaborate gas	294
B ₁ Br ₁ <g>	BBr<g>	Boron Monobromide gas	295
B ₁ Br ₁ Cl ₁ <g>	BBrCl<g>	Boron Bromide Chloride gas	295
B ₁ Br ₁ Cl ₂ <g>	BBrCl ₂ <g>	Boron Bromide Dichloride gas	296
B ₁ Br ₁ F ₁ <g>	BBrF<g>	Boron Bromide Fluoride gas	296
B ₁ Br ₁ F ₂ <g>	BBrF ₂ <g>	Boron Bromide Difluoride gas	297
B ₁ Br ₁ O ₁ <g>	BBrO<g>	Boron Bromide Oxide gas	297
B ₁ Br ₂ <g>	BBr ₂ <g>	Boron Dibromide gas	298
B ₁ Br ₂ Cl ₁ <g>	BBr ₂ Cl<g>	Boron Dibromide Chloride gas	298
B ₁ Br ₂ F ₁ <g>	BBr ₂ F<g>	Boron Dibromide Fluoride gas	299
B ₁ Br ₂ H ₁ <g>	BBr ₂ H<g>	Boron Dibromoborane gas	299
B ₁ Br ₃	BBr ₃	Boron Tribromide	300
B ₁ Br ₃ <g>	BBr ₃ <g>	Boron Tribromide gas	300
B ₁ C ₁ <g>	BC<g>	Boron Monocarbide gas	301
B ₁ C ₂ <g>	BC ₂ <g>	Boron Dicarbide gas	301
B ₁ Cl ₁ <g>	BCl<g>	Boron Monochloride gas	302
B ₁ Cl ₁ F ₁ <g>	BClF<g>	Boron Chloride Fluoride gas	302
B ₁ Cl ₁ F ₁ H ₁ <g>	BHCl<g>	Boron Chlorofluoroborane gas	303
B ₁ Cl ₁ F ₂ <g>	BClF ₂ <g>	Boron Chloride Difluoride gas	303
B ₁ Cl ₁ H ₁ <g>	BHCl<g>	Monochloroborane gas	304
B ₁ Cl ₁ H ₁ O ₁ <g>	ClB(OH)<g>	Boron Hydroxide Chloride gas	304
B ₁ Cl ₁ H ₂ <g>	BH ₂ Cl<g>	Chloroborane gas	305
B ₁ Cl ₁ H ₂ O ₂ <g>	ClB(OH) ₂ <g>	Boron Dihydroxide Chloride gas	305
B ₁ Cl ₁ O ₁ <g>	BClO<g>	Boron Chloride Oxide gas	306
B ₁ Cl ₂ <g>	BCl ₂ <g>	Boron Dichloride gas	306
B ₁ Cl ₂ F ₁ <g>	BCl ₂ F<g>	Boron Dichloride Fluoride gas	307
B ₁ Cl ₂ H ₁ <g>	BCl ₂ H<g>	Dichloroborane gas	307
B ₁ Cl ₂ H ₁ O ₁ <g>	Cl ₂ B(OH)<g>	Boron Hydroxide Dichloride gas	308
B ₁ Cl ₂ O ₁ <g>	Cl ₂ BO<g>	Boron Dichloride Oxide gas	308
B ₁ Cl ₃ <g>	BCl ₃ <g>	Boron Trichloride gas	309
B ₁ Co ₁	CoB	Cobalt Monoboride	309
B ₁ Co ₂	Co ₂ B	Dicobalt Monoboride	310
B ₁ Cr ₁	CrB	Chromium Monoboride	310
B ₁ Cs ₁ O ₂	CsBO ₂	Caesium Metaborate	311
B ₁ Cs ₁ O ₂ <g>	CsBO ₂ <g>	Caesium Metaborate gas	311
B ₁ F ₁ <g>	BF<g>	Boron Monofluoride gas	312
B ₁ F ₁ H ₁ <g>	BHF<g>	Boron Hydride Fluoride gas	312
B ₁ F ₁ H ₁ O ₁ <g>	FB(OH)<g>	Boron Hydroxide Fluoride gas	313
B ₁ F ₁ H ₂ <g>	BH ₂ F<g>	Fluoroborane gas	313
B ₁ F ₁ H ₂ O ₂ <g>	FB(OH) ₂ <g>	Boron Dihydroxide Fluoride gas	314
B ₁ F ₁ O ₁ <g>	FBO<g>	Boron Oxide Fluoride gas	314
B ₁ F ₂ <g>	BF ₂ <g>	Boron Difluoride gas	315
B ₁ F ₂ H ₁ <g>	BHF ₂ <g>	Difluoroborane gas	315

ASCII order	Formula	Name	Page
B ₁ F ₂ H ₁ O ₁ <g>	F ₂ B(OH)<g>	Boron Hydroxide Difluoride gas	316
B ₁ F ₂ O ₁ <g>	F ₂ BO<g>	Boron Oxide Difluoride gas	316
B ₁ F ₃ <g>	BF ₃ <g>	Boron Trifluoride gas	317
B ₁ F ₄ K ₁	KBF ₄	Potassium Tetrafluoroborate	317
B ₁ F ₄ K ₁ <g>	KBF ₄ <g>	Potassium Tetrafluoroborate gas	318
B ₁ Fe ₁	FeB	Iron Monoboride	318
B ₁ Fe ₂	Fe ₂ B	Diiron Monboride	319
B ₁ H ₁ <g>	BH<g>	Boron Monohydride gas	319
B ₁ H ₁ O ₂	BO(OH)	Metaboric Acid	320
B ₁ H ₁ O ₂ <g>	BO(OH)<g>	Metaboric Acid gas	320
B ₁ H ₁ S ₁ <g>	HBS<g>	Boron Hydride Sulphide gas	321
B ₁ H ₂ <g>	BH ₂ <g>	Boron Dihydride gas	321
B ₁ H ₂ O ₁ <g>	HB(OH)<g>	Boron Hydride Hydroxide gas	322
B ₁ H ₂ O ₂ <g>	B(OH) ₂ <g>	Boron Dihydroxide gas	322
B ₁ H ₃ <g>	BH ₃ <g>	Borane gas	323
B ₁ H ₃ O ₁ <g>	H ₂ B(OH)<g>	Boron Dihydride Hydroxide gas	323
B ₁ H ₃ O ₂ <g>	HB(OH) ₂ <g>	Boron Hydride dihydroxide gas	324
B ₁ H ₃ O ₃	B(OH) ₃	Orthoboric Acid	324
B ₁ H ₃ O ₃ <g>	B(OH) ₃ <g>	Orthoboric Acid gas	325
B ₁ H ₄ K ₁	KBH ₄	Potassium Tetrahydroborate	325
B ₁ H ₄ Li ₁	LiBH ₄	Lithium Tetrahydroborate	326
B ₁ H ₄ Na ₁	NaBH ₄	Sodium Tetrahydroborate	326
B ₁ H ₆ N ₁ <g>	BH ₃ NH ₃ <g>	Ammineborane	327
B ₁ I ₁ <g>	BI<g>	Boron Monoiiodide gas	327
B ₁ I ₂ <g>	BI ₂ <g>	Boron Diiodide gas	328
B ₁ I ₃ <g>	BI ₃ <g>	Boron Triiodide gas	328
B ₁ K ₁ O ₂	KBO ₂	Potassium Borate	329
B ₁ K ₁ O ₂ <g>	KBO ₂ <g>	Potassium Borate gas	329
B ₁ Li ₁ O ₂	LiBO ₂	Lithium Borate	330
B ₁ Li ₁ O ₂ <g>	LiBO ₂ <g>	Lithium Borate gas	330
B ₁ Mn ₁	MnB	Manganese Monoboride	331
B ₁ Mo ₁	MoB	Molybdenum Monoboride	331
B ₁ Mo ₂	Mo ₂ B	Dimolybdenum Monoboride	332
B ₁ N ₁	BN	Boron Nitride	332
B ₁ N ₁ <g>	BN<g>	Boron Nitride gas	333
B ₁ Na ₁ O ₂	NaBO ₂	Sodium Borate	333
B ₁ Na ₁ O ₂ <g>	NaBO ₂ <g>	Sodium Borate gas	334
B ₁ Ni ₁	NiB	Nickel Monoboride	334
B ₁ Ni ₂	Ni ₂ B	Dinickel Monoboride	335
B ₁ Ni ₃	Ni ₃ B	Trinickel Monoboride	335
B ₁ O ₁ <g>	BO<g>	Boron Oxide gas	336
B ₁ O ₂ <g>	BO ₂ <g>	Boron Dioxide gas	336
B ₁ O ₂ Rb ₁	RbBO ₂	Rubidium Borate	337
B ₁ O ₂ Rb ₁ <g>	RbBO ₂ <g>	Rubidium Borate gas	337
B ₁ O ₂ Sr ₁ <g>	SrBO ₂ <g>	Strontium Monoborate gas	338
B ₁ P ₁	BP	Boron Monophosphide	338
B ₁ S ₁ <g>	BS<g>	Boron Monosulphide gas	339
B ₁ S ₂ <g>	BS ₂ <g>	Boron Disulphide gas	339

ASCII order	Formula	Name	Page
B ₁ Te ₁ <g>	BTe<g>	Boron Monotelluride gas	340
B ₁ Ti ₁	TiB	Titanium Monoboride	340
B ₁ V ₁	VB	Vanadium Monoboride	341
B ₁ W ₁	WB	Tungsten Monoboride	341
B ₁ W ₂	W ₂ B	Ditungsten Monoboride	342
B _{1.65} Mo ₁	MoB _{1.65}	Molibdenum Diboride (boron-deficient)	342
B ₂ Be ₁ O ₄ <g>	Be(BO ₂) ₂ <g>	Beryllium Bis(Borate) gas	343
B ₂ Be ₃ O ₆	3BeO·B ₂ O ₃	Beryllium Oxide—Boron Oxide (3/1)	343
B ₂ C ₁ <g>	B ₂ C<g>	Diboron Monocarbide gas	344
B ₂ Ca ₁ O ₄	CaO·B ₂ O ₃	Calcium Oxide—Boron Oxide (1/1)	344
B ₂ Ca ₂ O ₅	2CaO·B ₂ O ₃	Calcium Oxide—Boron Oxide (2/1)	345
B ₂ Ca ₃ O ₆	3CaO·B ₂ O ₃	Calcium Oxide—Boron Oxide (3/1)	345
B ₂ Cl ₄ <g>	B ₂ Cl ₄ <g>	Tetrachlorodiborane gas	346
B ₂ Cr ₁	CrB ₂	Chromium Diboride	346
B ₂ F ₄ <g>	B ₂ F ₄ <g>	Tetrafluorodiborane gas	347
B ₂ F ₄ O ₁ <g>	O(BF ₂) ₂ <g>	Bis(Difluoroboryl) Oxygen gas	347
B ₂ H ₄ O ₄	B ₂ (OH) ₄	Tetrahydroxodiborane	348
B ₂ H ₄ O ₄ <g>	B ₂ (OH) ₄ <g>	Tetrahydroxodiborane gas	348
B ₂ H ₆ <g>	B ₂ H ₆ <g>	Diborane gas	349
B ₂ Hf ₁	HfB ₂	Hafnium Diboride	349
B ₂ Mg ₁	MgB ₂	Magnesium Diboride	350
B ₂ Mn ₁	MnB ₂	Manganese Diboride	350
B ₂ Nb ₁	NbB ₂	Niobium Diboride	351
B ₂ O ₁ <g>	B ₂ O<g>	Diboron Monoxide gas	351
B ₂ O ₂ <g>	B ₂ O ₂ <g>	Diboron Dioxide gas	352
B ₂ O ₃	B ₂ O ₃	Boron Oxide	352
B ₂ O ₃ <B2O3GLAS-S>	B ₂ O ₃	Boron Oxide <i>glass</i>	353
B ₂ O ₃ <g>	B ₂ O ₃ <g>	Boron Oxide gas	353
B ₂ O ₄ Pb ₁	PbO·B ₂ O ₃	Lead Oxide—Diboron Trioxide (1/1)	354
B ₂ O ₄ Rb ₂	Rb ₂ O·B ₂ O ₃	Rubidium Oxide—Diboron Trioxide (1/1)	354
B ₂ S ₁ <g>	B ₂ S<g>	Diboron Monosulphide gas	355
B ₂ S ₂ <g>	B ₂ S ₂ <g>	Diboron Disulphide gas	355
B ₂ S ₃	B ₂ S ₃	Boron Sulphide	356
B ₂ S ₃ <g>	B ₂ S ₃ <g>	Boron Sulphide gas	356
B ₂ Ta ₁	TaB ₂	Tantalum Diboride	357
B ₂ Ti ₁	TiB ₂	Titanium Diboride	357
B ₂ U ₁	UB ₂	Uranium Diboride	358
B ₂ V ₁	VB ₂	Vanadium Diboride	358
B ₂ V ₃	V ₃ B ₂	Trivanadium Diboride	359
B ₂ Zr ₁	ZrB ₂	Zirconium Diboride	359
B _{2.15} Mo ₁	MoB _{2.15}	Molybdenum Diboride (excess Boron)	360
B ₃ Cl ₁ F ₂ O ₃ <g>	B ₃ O ₃ F ₂ Cl<g>	Difluorochloroboroxin gas	360
B ₃ Cl ₂ F ₁ O ₃ <g>	B ₃ O ₃ FCl ₂ <g>	Fluorodichloroboroxin gas	361
B ₃ Cl ₃ O ₃ <g>	B ₃ O ₃ Cl ₃ <g>	Trichloroboroxin gas	361
B ₃ F ₁ H ₂ O ₃ <g>	B ₃ O ₃ H ₂ F<g>	Monofluoroboroxin gas	362
B ₃ F ₂ H ₁ O ₃ <g>	B ₃ O ₃ HF ₂ <g>	Difluoroboroxin gas	362
B ₃ F ₃ O ₃	B ₃ O ₃ F ₃	Trifluoroboroxin	363
B ₃ F ₃ O ₃ <g>	B ₃ O ₃ F ₃ <g>	Trifluoroboroxin gas	363

ASCII order	Formula	Name	Page
B ₃ H ₃ O ₃	B ₃ O ₃ H ₃	Boroxin	364
B ₃ H ₃ O ₃ <g>	B ₃ O ₃ H ₃ <g>	Boroxin gas	364
B ₃ H ₃ O ₆ <g>	H ₃ B ₃ O ₆ <g>	Boric Acid gas <i>trimer</i>	365
B ₃ H ₆ N ₃ <g>	B ₃ H ₆ N ₃ <g>	Borazine gas	365
B ₃ Na ₁ O ₅	NaB ₃ O ₅	Sodium Triboride Pentaoxide	366
B ₃ Ni ₄	Ni ₄ B ₃	Tetranickel Triboride	366
B ₃ V ₂	V ₂ B ₃	Divanadium Triboride	367
B _{3.8} Mo ₁	MoB _{3.8}	Molybdenum Tetraboride (Boron deficient)	367
B ₄ C ₁	B ₄ C	Tetraboron Monocarbide	368
B ₄ Ca ₁ O ₇	CaO·2B ₂ O ₃	Calcium Oxide—Boron Oxide (1/2)	368
B ₄ K ₂ O ₇	K ₂ O·2B ₂ O ₃	Potassium Oxide—Boron Oxide (1/2)	369
B ₄ Li ₂ O ₇	Li ₂ O·2B ₂ O ₃	Lithium Oxide—Boron Oxide (1/2)	369
B ₄ Mg ₁	MgB ₄	Magnesium Tetraboride	370
B ₄ Na ₂ O ₇	Na ₂ O·2B ₂ O ₃	Sodium Oxide—Boron Oxide (1/2)	370
B ₄ O ₇ Pb ₁	PbB ₄ O ₇	Lead Tetraboride Heptaoxide	371
B ₄ Si ₁	B ₄ Si	Tetraboron Monosilicide	371
B ₄ U ₁	UB ₄	Uranium Tetraboride	372
B ₄ V ₃	V ₃ B ₄	Trivanadium Tetraboride	372
B ₅ H ₉	B ₅ H ₉	Pentaborane(9)	373
B ₅ H ₉ <g>	B ₅ H ₉ <g>	Pentaborane(9) gas	373
B ₅ Mo ₂	Mo ₂ B ₅	Dimolybdenum Pentaboride	374
B ₅ W ₂	W ₂ B ₅	Ditungsten Pentaboride	374
B ₆ Ca ₁	CaB ₆	Monocalcium Hexaboride	375
B ₆ Ce ₁	CeB ₆	Monocerium Hexaboride	375
B ₆ La ₁	LaB ₆	Monolanthanum Hexaboride	376
B ₆ Li ₂ O ₁₀	Li ₂ O·3B ₂ O ₃	Lithium Oxide—Boron Oxide (1/3)	376
B ₆ Na ₂ O ₁₀	Na ₂ O·3B ₂ O ₃	Sodium Oxide—Boron Oxide (1/3)	377
B ₆ O ₁₀ Pb ₁	Pb ₂ O·3B ₂ O ₃	Lead Oxide—Boron Oxide (1/3)	377
B ₆ Si ₁	B ₆ Si	Hexaboron Silicide	378
B ₆ V ₅	V ₅ B ₆	Pentavanadium Hexaboride	378
B ₈ K ₂ O ₁₃	K ₂ O·4B ₂ O ₃	Potassium Oxide—Boron Oxide (1/4)	379
B ₈ Li ₂ O ₁₃	Li ₂ O·4B ₂ O ₃	Lithium Oxide—Boron Oxide (1/4)	379
B ₈ Na ₂ O ₁₃	Na ₂ O·4B ₂ O ₃	Sodium Oxide—Boron Oxide (1/4)	380
B ₁₀ H ₁₄	B ₁₀ H ₁₄	Decaborane(14)	380
B ₁₀ H ₁₄ <g>	B ₁₀ H ₁₄ <g>	Decaborane(14) gas	381
B ₁₀ O ₁₇ Pb ₂	Pb ₂ B ₁₀ O ₁₇	Dilead Hetadecaoso Decaborate	381
B ₁₂ U ₁	UB ₁₂	Uranium Dodecaboride	382
B ₁₄ Si ₁	SiB ₁₄	Silicon Tetradecaboride	382
Ba ₁ Br ₁ <g>	BaBr<g>	Monobarium Monobromide gas	383
Ba ₁ Br ₁ H ₁ O ₁ <g>	BaBr(OH)<g>	Barium Bromide Hydroxide gas	383
Ba ₁ Br ₂	BaBr ₂	Barium Bromide	384
Ba ₁ Br ₂ <g>	BaBr ₂ <g>	Barium Bromide gas	384
Ba ₁ C ₁ O ₃	BaCO ₃	Barium Carbonate	385
Ba ₁ C ₂	BaC ₂	Barium Dicarbide	385
Ba ₁ Cl ₁ <g>	BaCl<g>	Barium Monochloride gas	386
Ba ₁ Cl ₁ H ₁ O ₁ <g>	BaCl(OH)<g>	Barium Chloride Hydroxide gas	386
Ba ₁ Cl ₂	BaCl ₂	Barium Chloride	387
Ba ₁ Cl ₂ <g>	BaCl ₂ <g>	Barium Chloride gas	387

ASCII order	Formula	Name	Page
Ba ₁ Cr ₁ O ₄	BaCrO ₄	Barium Chromate	388
Ba ₁ F ₁ <g>	BaF<g>	Barium Monofluoride gas	388
Ba ₁ F ₁ H ₁ O ₁ <g>	BaF(OH)<g>	Barium Fluoride Hydroxide gas	389
Ba ₁ F ₂	BaF ₂	Barium Fluoride	389
Ba ₁ F ₂ <g>	BaF ₂ <g>	Barium Fluoride gas	390
Ba ₁ H ₁ <g>	BaH<g>	Barium Monohydride gas	390
Ba ₁ H ₁ I ₁ O ₁ <g>	BaI(OH)<g>	Barium Iodide Hydroxide gas	391
Ba ₁ H ₁ O ₁ <g>	Ba(OH)<g>	Barium Monohydroxide gas	391
Ba ₁ H ₂	BaH ₂	Barium Hydride	392
Ba ₁ H ₂ O ₂	Ba(OH) ₂	Barium Hydroxide	392
Ba ₁ H ₂ O ₂ <g>	Ba(OH) ₂ <g>	Barium Hydroxide gas	393
Ba ₁ Hf ₁ O ₃	BaO·HfO ₂	Barium Oxide—Hafnium Oxide (1/1)	393
Ba ₁ I ₁ <g>	BaI<g>	Barium Monoiodide gas	394
Ba ₁ I ₂	BaI ₂	Barium Iodide	394
Ba ₁ I ₂ <g>	BaI ₂ <g>	Barium Iodide gas	395
Ba ₁ Mo ₁ O ₄	BaMoO ₄	Barium Molybdate	395
Ba ₁ Mo ₁ O ₄ <g>	BaMoO ₄ <g>	Barium Molybdate gas	396
Ba ₁ N ₂ O ₆	Ba(NO ₃) ₂	Barium Nitrate	396
Ba ₁ O ₁	BaO	Barium Oxide	397
Ba ₁ O ₁ <g>	BaO<g>	Barium Oxide gas	397
Ba ₁ O ₂	BaO ₂	Barium Dioxide	398
Ba ₁ O ₃ Ti ₁	BaO·TiO ₂	Barium Oxide—Titanium Dioxide (1/1)	398
Ba ₁ O ₃ Zr ₁	BaO·ZrO ₂	Barium Oxide—Zirconium Dioxide (1/1)	399
Ba ₁ O ₄ S ₁	BaSO ₄	Barium Sulphate	399
Ba ₁ O ₄ U ₁	BaO·UO ₃	Barium Oxide—Uranium Trioxide (1/1)	400
Ba ₁ O ₄ W ₁	BaO·WO ₃	Barium Oxide—Tungsten Trioxide (1/1)	400
Ba ₁ O ₅ Si ₂	BaO·SiO ₂	Barium Oxide—Silicon Oxide (1/1)	401
Ba ₁ O ₆ V ₂	BaV ₂ O ₆	Barium Divanadium Hexaoxide	401
Ba ₁ S ₁	BaS	Barium Sulphide	402
Ba ₁ S ₁ <g>	BaS<g>	Barium Sulphide gas	402
Ba ₁ Te ₁	BaTe	Barium Telluride	403
Ba ₂ O ₁ <g>	Ba ₂ O<g>	Dibarium Monoxide gas	403
Ba ₂ O ₂ <g>	Ba ₂ O ₂ <g>	Dibarium Dioxide gas	404
Ba ₂ O ₄ Si ₁	SiO ₂ ·2BaO	Silicon Oxide—Barium Oxide (1/2)	404
Ba ₂ O ₄ Ti ₁	TiO ₂ ·2BaO	Titanium Dioxide—Barium Oxide (1/2)	405
Ba ₃ N ₂	Ba ₃ N ₂	Barium Nitride	405