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$7\text{Al}_2\text{O}_3 \cdot 12\text{CaO}$	$\text{Al}_{14}\text{Ca}_{12}\text{O}_{33}$	Aluminium Oxide—Calcium Oxide (7/12), <i>Sapphire</i>	239
$9\text{Al}_2\text{O}_3 \cdot 2\text{B}_2\text{O}_3$	$\text{Al}_{18}\text{B}_4\text{O}_{33}$	Aluminium Oxide—Boron Oxide (9/2)	240
$\text{Al}_2\text{S} <\text{g}>$	$\text{Al}_2\text{S}_1 <\text{g}>$	Dialuminium Monosulphide gas	230
$\text{Al}_2\text{S}_2 <\text{g}>$	$\text{Al}_2\text{S}_2 <\text{g}>$	Dialuminium Disulphide gas	230
Al_2S_3	Al_2S_3	Aluminium Sulphide	231
$\text{Al}_2(\text{SO}_4)_3$	$\text{Al}_2\text{O}_{12}\text{S}_3$	Aluminium Sulphate	229
$\text{Al}_2\text{Se} <\text{g}>$	$\text{Al}_2\text{Se}_1 <\text{g}>$	Dialuminium Monoselenide gas	231
$\text{Al}_2\text{Se}_2 <\text{g}>$	$\text{Al}_2\text{Se}_2 <\text{g}>$	Dialuminium Diselenide gas	232
Al_2Se_3	Al_2Se_3	Aluminium Selenide	232
$\text{Al}_2\text{Te}_2 <\text{g}>$	$\text{Al}_2\text{Te}_2 <\text{g}>$	Dialuminium Ditelluride gas	233
Al_2Te_3	Al_2Te_3	Aluminium Telluride	234
$\text{Al}_2\text{Te} <\text{g}>$	$\text{Al}_2\text{Te}_1 <\text{g}>$	Dialuminium Monotelluride gas	233
Al_4C_3	Al_4C_3	Tetraaluminium Tricarbide	236
Al_4CO_4	$\text{Al}_4\text{C}_1\text{O}_4$	Tetraaluminium Carbide Tetraoxide	236
Am	Am_1	Americium	5
$\text{Am} <\text{g}>$	$\text{Am}_1 <\text{g}>$	Americium gas	5
AmO_2	Am_1O_2	Americium Dioxide	241
Am_2O_3	Am_2O_3	Diamericium Trioxide	241
$\text{Ar} <\text{g}>$	$\text{Ar}_1 <\text{g}>$	Argon	6
As	As_1	Arsenic	6
$\text{As} <\text{g}>$	$\text{As}_1 <\text{g}>$	Arsenic gas	7
AsBr_3	As_1Br_3	Arsenic Tribromide	243
$\text{AsBr}_3 <\text{g}>$	$\text{As}_1\text{Br}_3 <\text{g}>$	Arsenic Tribromide gas	243
$\text{AsCl}_3 <\text{g}>$	As_1Cl_3	Arsenic Trichloride gas	244
$\text{AsCl}_3 <\text{g}>$	$\text{As}_1\text{Cl}_3 <\text{g}>$	Arsenic Trichloride gas	244
$\text{AsF} <\text{g}>$	$\text{As}_1\text{F}_1 <\text{g}>$	Arsenic Monofluoride gas	246
AsF_3	As_1F_3	Arsenic Trifluoride	247
$\text{AsF}_3 <\text{g}>$	$\text{As}_1\text{F}_3 <\text{g}>$	Arsenic Trifluoride gas	247

Formula	ASCII order	Name	Page
AsF ₅ <g>	As ₁ F ₅ <g>	Arsenic Pentafluoride gas	248
AsH<g>	As ₁ H ₁ <g>	Arsenic Monohydride gas	251
AsH ₂ <g>	As ₁ H ₂ <g>	Arsenic Dihydride gas	251
AsH ₃ <g>	As ₁ H ₃ <g>	Arsane gas	252
AsI<g>	As ₁ I ₁ <g>	Arsenic Monoiodide gas	252
AsI ₂ <g>	As ₁ I ₂ <g>	Arsenic Diiodide gas	253
AsI ₃	As ₁ I ₃	Arsenic Triiodide	253
AsI ₃ <g>	As ₁ I ₃ <g>	Arsenic Triiodide gas	254
AsN<g>	As ₁ N ₁ <g>	Arsenic Nitride gas	258
AsO<g>	As ₁ O ₁ <g>	Arsenic Monoxide gas	259
AsO ₂ <g>	As ₁ O ₂ <g>	Arsenic Dioxide gas	259
AsP<g>	As ₁ P ₁ <g>	Arsenic Monophosphide gas	262
AsP ₃ <g>	As ₁ P ₃ <g>	Arsenic Triphosphide gas	263
AsS<g>	As ₁ S ₁ <g>	Arsenic Monosulphide gas	263
AsSe<g>	As ₁ Se ₁ <g>	Arsenic Monoselenide gas	265
AsTe<g>	As ₁ Te ₁ <g>	Arsenic Monotelluride gas	265
As ₂ <g>	As ₂ <g>	Diarsenic gas	7
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 O ₃	As ₂ O ₃ <ARSENOLITE>	Diarsenic Trioxide, <i>Arsenolite</i>	273
As ₂ O ₃	As ₂ O ₃ <CLAUDETITE>	Diarsenic Trioxide, <i>Claudetite</i>	273
As ₂ O ₅	As ₂ O ₅	Diarsenic Pentoxide	274
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 Se ₃	As ₂ Se ₃	Arsenic Selenide	278
As ₂ Te ₃	As ₂ Te ₃	Arsenic Telluride	279
As ₃ P<g>	As ₃ P ₁ <g>	Triarsenic Monophosphide gas	280
As ₄ <g>	As ₄ <g>	Tetraarsenic gas	8
As ₄ O ₆ <g>	As ₄ O ₇ <g>	Tetraarsenic Hexaoxide gas	281
As ₄ O ₇ <g>	As ₄ O ₈ <g>	Tetraarsenic Heptaoxide gas	282
As ₄ O ₈ <g>	As ₄ O ₉ <g>	Tetraarsenic Octaoxide gas	282
As ₄ O ₉ <g>	As ₄ O ₁₀ <g>	Tetraarsenic Nonaoxide gas	283
As ₄ O ₁₀ <g>	As ₄ O ₆ <g>	Tetraarsenic Decaoxide gas	281
As ₄ S ₄	As ₄ S ₄	Tetraarsenic Tetrasulphide	283
As ₄ S ₄	As ₄ S ₄ <BETA>	β– Tetraarsenic Tetrasulphide	284
As ₄ S ₄ <g>	As ₄ S ₄ <g>	Tetraarsenic Tetrasulphide gas	284
At<g>	At ₁ <g>	Astatine gas	8
At ₂	At ₂	Diastatine	9
At ₂ <g>	At ₂ <g>	Diastatine gas	9
Au	Au ₁	Gold	10
Au<g>	Au ₁ <g>	Gold gas	10
AuBr	Au ₁ Br ₁	Gold Bromide	285
AuC<g>	Au ₁ C ₁ <g>	Gold Monocarbide gas	286
AuCl	Au ₁ Cl ₁	Gold Monochloride	286
AuCl<g>	Au ₁ Cl ₁ <g>	Gold Monochloride gas	287
AuCl ₃	Au ₁ Cl ₃	Gold Trichloride	287
AuD<g>	Au ₁ D ₁ <g>	Gold Monodeuteride gas	288
AuF ₃	Au ₁ F ₃	Gold Trifluoride	288

Formula	ASCII order	Name	Page
AuH<g>	Au ₁ H ₁ <g>	Gold Monohydride gas	289
AuI	Au ₁ I ₁	Gold Monoiodide	290
AuO<g>	Au ₁ O ₁ <g>	Gold Monoxide gas	290
Au(OH) ₃	Au ₁ H ₃ O ₃	Gold Trihydroxide	289
AuS<g>	Au ₁ S ₁ <g>	Gold Monosulphide gas	291
AuSe<g>	Au ₁ Se ₁ <g>	Gold Monoselenide gas	291
AuTe<g>	Au ₁ Te ₁ <g>	Gold Monotelluride gas	292
AuTe ₂	Au ₁ Te ₂	Gold Ditelluride	292
Au ₂ <g>	Au ₂ <g>	Digold gas	11
Au ₂ O ₃	Au ₂ O ₃	Digold Trioxide	293
Au ₂ P ₃	Au ₂ P ₃	Digold Triphosphide	293
B	B ₁	Boron	11
B<amorphous>	B ₁ <AMORPHOUS>	Boron <i>amorphous</i>	12
B<g>	B ₁ <g>	Boron gas	12
BAs	As ₁ B ₁	Boron Arsenide	242
BBr<g>	B ₁ Br ₁ <g>	Boron Monobromide gas	295
BBrCl<g>	B ₁ Br ₁ Cl ₁ <g>	Boron Bromide Chloride gas	295
BBrCl ₂ <g>	B ₁ Br ₁ Cl ₂ <g>	Boron Bromide Dichloride gas	296
BBrF<g>	B ₁ Br ₁ F ₁ <g>	Boron Bromide Fluoride gas	296
BBrF ₂ <g>	B ₁ Br ₁ F ₂ <g>	Boron Bromide Difluoride gas	297
BBrO<g>	B ₁ Br ₁ O ₁ <g>	Boron Bromide Oxide gas	297
BBr ₂ <g>	B ₁ Br ₂ <g>	Boron Dibromide gas	298
BBr ₂ Cl<g>	B ₁ Br ₂ Cl ₁ <g>	Boron Dibromide Chloride gas	298
BBr ₂ F<g>	B ₁ Br ₂ F ₁ <g>	Boron Dibromide Fluoride gas	299
BBr ₂ H<g>	B ₁ Br ₂ H ₁ <g>	Boron Dibromoborane gas	299
BBr ₃	B ₁ Br ₃	Boron Tribromide	300
BBr ₃ <g>	B ₁ Br ₃ <g>	Boron Tribromide gas	300
BC<g>	B ₁ C ₁ <g>	Boron Monocarbide gas	301
BC ₂ <g>	B ₁ C ₂ <g>	Boron Dicarbide gas	301
BCl<g>	B ₁ Cl ₁ <g>	Boron Monochloride gas	302
BClF<g>	B ₁ Cl ₁ F ₁ <g>	Boron Chloride Fluoride gas	302
BClF ₂ <g>	B ₁ Cl ₁ F ₂ <g>	Boron Chloride Difluoride gas	303
BClO<g>	B ₁ Cl ₁ O ₁ <g>	Boron Chloride Oxide gas	306
BCl ₂ <g>	B ₁ Cl ₂ <g>	Boron Dichloride gas	306
BCl ₂ F<g>	B ₁ Cl ₂ F ₁ <g>	Boron Dichloride Fluoride gas	307
BCl ₂ H<g>	B ₁ Cl ₂ H ₁ <g>	Dichloroborane gas	307
BCl ₃ <g>	B ₁ Cl ₃ <g>	Boron Trichloride gas	309
BF<g>	B ₁ F ₁ <g>	Boron Monofluoride gas	312
BF ₂ <g>	B ₁ F ₂ <g>	Boron Difluoride gas	315
BF ₃ <g>	B ₁ F ₃ <g>	Boron Trifluoride gas	317
BH ₂ <g>	B ₁ H ₂ <g>	Boron Dihydride gas	321
BH ₂ Cl<g>	B ₁ Cl ₁ H ₂ <g>	Chloroborane gas	305
BH ₂ F<g>	B ₁ F ₁ H ₂ <g>	Fluoroborane gas	313
BH ₃ <g>	B ₁ H ₃ <g>	Borane gas	323
BH ₃ NH ₃ <g>	B ₁ H ₆ N ₁ <g>	Ammineborane	327
BHCl<g>	B ₁ Cl ₁ H ₁ <g>	Monochloroborane gas	304
BHF<g>	B ₁ F ₁ H ₁ <g>	Boron Hydride Fluoride gas	312
BHFCl<g>	B ₁ Cl ₁ F ₁ H ₁ <g>	Boron Chlorofluoroborane gas	303

Formula	ASCII order	Name	Page
BHF ₂ <g>	B ₁ F ₂ H ₁ <g>	Difluoroborane gas	315
BH<g>	B ₁ H ₁ <g>	Boron Monohydride gas	319
BI<g>	B ₁ I ₁ <g>	Boron Monoiiodide gas	327
BI ₂ <g>	B ₁ I ₂ <g>	Boron Diiodide gas	328
BI ₃ <g>	B ₁ I ₃ <g>	Boron Triiodide gas	328
BN	B ₁ N ₁	Boron Nitride	332
BN<g>	B ₁ N ₁ <g>	Boron Nitride gas	333
BO<g>	B ₁ O ₁ <g>	Boron Oxide gas	336
BO ₂ <g>	B ₁ O ₂ <g>	Boron Dioxide gas	336
BO(OH)	B ₁ H ₁ O ₂	Metaboric Acid	320
BO(OH)<g>	B ₁ H ₁ O ₂ <g>	Metaboric Acid gas	320
B(OH) ₂ <g>	B ₁ H ₂ O ₂ <g>	Boron Dihydroxide gas	322
B(OH) ₃	B ₁ H ₃ O ₃	Orthoboric Acid	324
B(OH) ₃ <g>	B ₁ H ₃ O ₃ <g>	Orthoboric Acid gas	325
BP	B ₁ P ₁	Boron Monophosphide	338
BS<g>	B ₁ S ₁ <g>	Boron Monosulphide gas	339
BS ₂ <g>	B ₁ S ₂ <g>	Boron Disulphide gas	339
BTe<g>	B ₁ Te ₁ <g>	Boron Monotelluride gas	340
B ₂ <g>	B ₂ <g>	Diboron gas	13
B ₂ C<g>	B ₂ C ₁ <g>	Diboron Monocarbide gas	344
B ₂ Cl ₄ <g>	B ₂ Cl ₄ <g>	Tetrachlorodiborane gas	346
B ₂ F ₄ <g>	B ₂ F ₄ <g>	Tetrafluorodiborane gas	347
B ₂ H ₆ <g>	B ₂ H ₆ <g>	Diborane gas	349
B ₂ O<g>	B ₂ O ₁ <g>	Diboron Monoxide gas	351
B ₂ (OH) ₄	B ₂ H ₄ O ₄	Tetrahydroxodiborane	348
B ₂ (OH) ₄ <g>	B ₂ H ₄ O ₄ <g>	Tetrahydroxodiborane gas	348
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	B ₂ O ₃ <B2O3GLAS-S>	Boron Oxide <i>glass</i>	353
B ₂ O ₃ <g>	B ₂ O ₃ <g>	Boron Oxide gas	353
B ₂ S<g>	B ₂ S ₁ <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 ₃ H ₆ N ₃ <g>	B ₃ H ₆ N ₃ <g>	Borazine gas	365
B ₃ O ₃ Cl ₃ <g>	B ₃ Cl ₃ O ₃ <g>	Trichloroboroxin gas	361
B ₃ O ₃ FCI ₂ <g>	B ₃ Cl ₂ F ₁ O ₃ <g>	Fluorodichloroboroxin gas	361
B ₃ O ₃ F ₂ Cl<g>	B ₃ Cl ₁ F ₂ O ₃ <g>	Difluorochloroboroxin gas	360
B ₃ O ₃ F ₃	B ₃ F ₃ O ₃	Trifluoroboroxin	363
B ₃ O ₃ F ₃ <g>	B ₃ F ₃ O ₃ <g>	Trifluoroboroxin gas	363
B ₃ O ₃ HF ₂ <g>	B ₃ F ₂ H ₁ O ₃ <g>	Difluoroboroxin gas	362
B ₃ O ₃ H ₂ F<g>	B ₃ F ₁ H ₂ O ₃ <g>	Monofluoroboroxin gas	362
B ₃ O ₃ H ₃	B ₃ H ₃ O ₃	Boroxin	364
B ₃ O ₃ H ₃ <g>	B ₃ H ₃ O ₃ <g>	Boroxin gas	364
B ₄ C	B ₄ C ₁	Tetraboron Monocarbide	368
B ₄ Si	B ₄ Si ₁	Tetraboron Monosilicide	371
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

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B ₆ Si	B ₆ Si ₁	Hexaboron Silicide	378
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
Ba	Ba ₁	Barium	13
Ba<g>	Ba ₁ <g>	Barium gas	14
BaBO ₂ <g>	B ₁ Ba ₁ O ₂ <g>	Barium Metaborate gas	294
BaBr<g>	Ba ₁ Br ₁ <g>	Monobarium Monobromide gas	383
BaBr(OH)<g>	Ba ₁ Br ₁ H ₁ O ₁ <g>	Barium Bromide Hydroxide gas	383
BaBr ₂	Ba ₁ Br ₂	Barium Bromide	384
BaBr ₂ <g>	Ba ₁ Br ₂ <g>	Barium Bromide gas	384
BaC ₂	Ba ₁ C ₂	Barium Dicarbide	385
BaCO ₃	Ba ₁ C ₁ O ₃	Barium Carbonate	385
BaCl<g>	Ba ₁ Cl ₁ <g>	Barium Monochloride gas	386
BaCl(OH)<g>	Ba ₁ Cl ₁ H ₁ O ₁ <g>	Barium Chloride Hydroxide gas	386
BaCl ₂	Ba ₁ Cl ₂	Barium Chloride	387
BaCl ₂ <g>	Ba ₁ Cl ₂ <g>	Barium Chloride gas	387
BaCrO ₄	Ba ₁ Cr ₁ O ₄	Barium Chromate	388
BaF<g>	Ba ₁ F ₁ <g>	Barium Monofluoride gas	388
BaF(OH)<g>	Ba ₁ F ₁ H ₁ O ₁ <g>	Barium Fluoride Hydroxide gas	389
BaF ₂	Ba ₁ F ₂	Barium Fluoride	389
BaF ₂ <g>	Ba ₁ F ₂ <g>	Barium Fluoride gas	390
BaH<g>	Ba ₁ H ₁ <g>	Barium Monohydride gas	390
BaH ₂	Ba ₁ H ₂	Barium Hydride	392
BaI(OH)<g>	Ba ₁ H ₁ I ₁ O ₁ <g>	Barium Iodide Hydroxide gas	391
BaI<g>	Ba ₁ I ₁ <g>	Barium Monoiodide gas	394
BaI ₂	Ba ₁ I ₂	Barium Iodide	394
BaI ₂ <g>	Ba ₁ I ₂ <g>	Barium Iodide gas	395
BaMoO ₄	Ba ₁ Mo ₁ O ₄	Barium Molybdate	395
BaMoO ₄ <g>	Ba ₁ Mo ₁ O ₄ <g>	Barium Molybdate gas	396
Ba(NO ₃) ₂	Ba ₁ N ₂ O ₆	Barium Nitrate	396
BaO	Ba ₁ O ₁	Barium Oxide	397
BaO<g>	Ba ₁ O ₁ <g>	Barium Oxide gas	397
Ba(OH)<g>	Ba ₁ H ₁ O ₁ <g>	Barium Monohydroxide gas	391
Ba(OH) ₂	Ba ₁ H ₂ O ₂	Barium Hydroxide	392
Ba(OH) ₂ <g>	Ba ₁ H ₂ O ₂ <g>	Barium Hydroxide gas	393
BaO·HfO ₂	Ba ₁ Hf ₁ O ₃	Barium Oxide—Hafnium Oxide (1/1)	393
BaO·SiO ₂	Ba ₁ O ₅ Si ₂	Barium Oxide—Silicon Oxide (1/1)	401
BaO·TiO ₂	Ba ₁ O ₃ Ti ₁	Barium Oxide—Titanium Dioxide (1/1)	398
BaO·UO ₃	Ba ₁ O ₄ U ₁	Barium Oxide—Uranium Trioxide (1/1)	400
BaO·WO ₃	Ba ₁ O ₄ W ₁	Barium Oxide—Tungsten Trioxide (1/1)	400
BaO·ZrO ₂	Ba ₁ O ₃ Zr ₁	Barium Oxide—Zirconium Dioxide (1/1)	399
BaO ₂	Ba ₁ O ₂	Barium Dioxide	398
BaS	Ba ₁ S ₁	Barium Sulphide	402
BaS<g>	Ba ₁ S ₁ <g>	Barium Sulphide gas	402
BaSO ₄	Ba ₁ O ₄ S ₁	Barium Sulphate	399
BaTe	Ba ₁ Te ₁	Barium Telluride	403
BaV ₂ O ₆	Ba ₁ O ₆ V ₂	Barium Divanadium Hexaoxide	401
Ba ₂ <g>	Ba ₂ <g>	Dibarium gas	14

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Ba ₂ O<g>	Ba ₂ O ₁ <g>	Dibarium Monoxide gas	403
Ba ₂ O ₂ <g>	Ba ₂ O ₂ <g>	Dibarium Dioxide gas	404
Ba ₃ (AsO ₄) ₂	As ₂ Ba ₃ O ₈	Barium Arsenate	266
Ba ₃ N ₂	Ba ₃ N ₂	Barium Nitride	405
Be	Be ₁	Beryllium	15
Be<g>	Be ₁ <g>	Beryllium gas	15
BeBO ₂ <g>	B ₁ Be ₁ O ₂ <g>	Berilium Metaborate gas	294
Be(BO ₂) ₂ <g>	B ₂ Be ₁ O ₄ <g>	Beryllium Bis(Borate) gas	343
3BeO·B ₂ O ₃	B ₂ Be ₃ O ₆	Beryllium Oxide—Boron Oxide (3/1)	343
Be ₂ <g>	Be ₂ <g>	Diberyllium gas	16
Be ₃ (AsO ₄) ₂	As ₂ Be ₃ O ₈	Beryllium Arsenate	266
Bi	Bi ₁	Bismuth	16
Bi<g>	Bi ₁ <g>	Bismuth gas	17
BiAsO ₄	As ₁ Bi ₁ O ₄	Bismuth Arsenate	242
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 ₂ <liquid>	Br ₂	Dibromine <i>liquid</i>	19
Br<g>	Br ₁ <g>	Bromine gas	19
Br ₂ <g>	Br ₂ <g>	Dibromine gas	20
C	C ₁	Carbon, <i>Graphite</i>	20
C<Diamond>	C ₁ <DIAMOND>	Carbon, <i>Diamond</i>	21
C<g>	C ₁ <g>	Carbon gas	21
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	Ca ₁	Calcium	25
Ca<g>	Ca ₁ <g>	Calcium gas	25
CaB ₆	B ₆ Ca ₁	Monocalcium Hexaboride	375
CaO·2Al ₂ O ₃	Al ₄ Ca ₁ O ₇	Calcium Oxide—Aluminium Oxide (1/2)	237
CaO·6Al ₂ O ₃	Al ₁₂ Ca ₁ O ₁₉	Calcium Oxide—Aluminium Oxide (1/6)	239
CaO·B ₂ O ₃	B ₂ Ca ₁ O ₄	Calcium Oxide—Boron Oxide (1/1)	344
CaO·2B ₂ O ₃	B ₄ Ca ₁ O ₇	Calcium Oxide—Boron Oxide (1/2)	368
2CaO·B ₂ O ₃	B ₂ Ca ₂ O ₅	Calcium Oxide—Boron Oxide (2/1)	345
3CaO·B ₂ O ₃	B ₂ Ca ₃ O ₆	Calcium Oxide—Boron Oxide (3/1)	345
Ca ₂ <g>	Ca ₂ <g>	Dicalcium gas	26
Ca ₃ (AsO ₄) ₂	As ₂ Ca ₃ O ₈	Calcium Arsenate	267
Cd	Cd ₁	Cadmium	26
Cd<g>	Cd ₁ <g>	Cadmium gas	27
Cd ₃ (AsO ₄) ₂	As ₂ Cd ₃ O ₈	Cadmium Arsenate	267
Ce	Ce ₁	Cerium	27
Ce<g>	Ce ₁ <g>	Cerium gas	28
CeAlO ₃	Al ₁ Ce ₁ O ₃	Cerium Aluminate	158
CeB ₆	B ₆ Ce ₁	Monocerium Hexaboride	375
Cf	Cf ₁	Californium	28

Formula	ASCII order	Name	Page
Cl<g>	Cl ₁ <g>	Chlorine gas	29
ClB(OH) ₂ <g>	B ₁ Cl ₁ H ₂ O ₂ <g>	Boron Dihydroxide Chloride gas	305
ClB(OH)<g>	B ₁ Cl ₁ H ₁ O ₁ <g>	Boron Hydroxide Chloride gas	304
Cl ₂ <g>	Cl ₂ <g>	Dichlorine gas	29
Cl ₂ BO<g>	B ₁ Cl ₂ O ₁ <g>	Boron Dichloride Oxide gas	308
Cl ₂ B(OH)<g>	B ₁ Cl ₂ H ₁ O ₁ <g>	Boron Hydroxide Dichloride gas	308
Cm	Cm ₁	Curium	30
Cm<g>	Cm ₁ <g>	Curium gas	30
Co	Co ₁	Cobalt	31
Co<g>	Co ₁ <g>	Cobalt gas	31
CoB	B ₁ Co ₁	Cobalt Monoboride	309
Co ₂ <g>	Co ₂ <g>	Dicobalt gas	32
Co ₂ B	B ₁ Co ₂	Dicobalt Monoboride	310
Co ₃ (AsO ₄) ₂	As ₂ Co ₃ O ₈	Cobalt Bis(Arsenate)	268
Cr	Cr ₁	Chromium	32
Cr<g>	Cr ₁ <g>	Chromium gas	33
CrAsO ₄	As ₁ Cr ₁ O ₄	Cromium Arsenate	245
CrB	B ₁ Cr ₁	Chromium Monoboride	310
CrB ₂	B ₂ Cr ₁	Chromium Diboride	346
Cr ₂ <g>	Cr ₂ <g>	Dichromium gas	33
Cr ₃ (AsO ₄) ₂	As ₂ Cr ₃ O ₈	Chromium Bis(Arsenate)	268
Cs	Cs ₁	Cesium	34
Cs<g>	Cs ₁ <g>	Cesium gas	34
CsBO ₂	B ₁ Cs ₁ O ₂	Caesium Metaborate	311
CsBO ₂ <g>	B ₁ Cs ₁ O ₂ <g>	Caesium Metaborate gas	311
Cs ₂ <g>	Cs ₂ <g>	Dicesium gas	35
Cs ₃ AsO ₄	As ₁ Cs ₃ O ₄	Cesium Arsenate	245
Cu	Cu ₁	Copper	35
Cu<g>	Cu ₁ <g>	Copper gas	36
Cu ₂ <g>	Cu ₂ <g>	Dicopper gas	36
Cu ₃ AsO ₄	As ₁ Cu ₃ O ₄	Copper Arsenate	246
Cu ₃ (AsO ₄) ₂	As ₂ Cu ₃ O ₈	Copper Bis(Arsenate)	269
D<g>	D ₁ <g>	Deuterium gas	37
D ₂ <g>	D ₂ <g>	Dideuterium gas	37
Dy	Dy ₁	Dysprosium	38
Dy<g>	Dy ₁ <g>	Dysprosium gas	38
Er	Er ₁	Erbium	39
Er<g>	Er ₁ <g>	Erbium gas	39
Es	Es ₁	Einsteinium	40
Es<g>	Es ₁ <g>	Einsteinium gas	40
Eu	Eu ₁	Europium	41
Eu<g>	Eu ₁ <g>	Europium gas	41
F<g>	F ₁ <g>	Fluorine gas	42
FBO<g>	B ₁ F ₁ O ₁ <g>	Boron Oxide Fluoride gas	314
FB(OH)<g>	B ₁ F ₁ H ₁ O ₁ <g>	Boron Hydroxide Fluoride gas	313
FB(OH) ₂ <g>	B ₁ F ₁ H ₂ O ₂ <g>	Boron Dihydroxide Fluoride gas	314
F ₂ <g>	F ₂ <g>	Difluorine gas	42
F ₂ BO<g>	B ₁ F ₂ O ₁ <g>	Boron Oxide Difluoride gas	316

Formula	ASCII order	Name	Page
F ₂ B(OH)<g>	B ₁ F ₂ H ₁ O ₁ <g>	Boron Hydroxide Difluoride gas	316
Fe	Fe ₁	Iron	43
Fe<g>	Fe ₁ <g>	Iron gas	43
FeAsO ₄	As ₁ Fe ₁ O ₄	Iron Arsenate	248
FeB	B ₁ Fe ₁	Iron Monoboride	318
Fe ₂ <g>	Fe ₂ <g>	Diiron gas	44
Fe ₂ B	B ₁ Fe ₂	Diiron Monboride	319
Fe ₃ (AsO ₄) ₂	As ₂ Fe ₃ O ₈	Iron Bis(Arsenate)	269
Fm	Fm ₁	Fermium	44
Fm<g>	Fm ₁ <g>	Fermium gas	45
Fr	Fr ₁	Francium	45
Fr<g>	Fr ₁ <g>	Francium gas	46
Fr ₂ <g>	Fr ₂ <g>	Difrancium gas	46
Ga	Ga ₁	Gallium	47
Ga<g>	Ga ₁ <g>	Gallium gas	47
GaAs	As ₁ Ga ₁	Gallium Arsenide	249
GaAs<g>	As ₁ Ga ₁ <g>	Gallium Arsenide gas	249
GaAsO ₄	As ₁ Ga ₁ O ₄	Gallium Arsenate	250
Ga ₂ <g>	Ga ₂ <g>	Digallium gas	48
Gd	Gd ₁	Gadolinium	48
Gd<g>	Gd ₁ <g>	Gadolinium gas	49
Ge	Ge ₁	Germanium	49
Ge<g>	Ge ₁ <g>	Germanium gas	50
GeAs	As ₁ Ge ₁	Germanium Monoarsenide	250
Ge ₂ <g>	Ge ₂ <g>	Digermanium gas	50
H<g>	H ₁ <g>	Hydrogen gas	51
HB(OH)<g>	B ₁ H ₂ O ₁ <g>	Boron Hydride Hydroxide gas	322
HB(OH) ₂ <g>	B ₁ H ₃ O ₂ <g>	Boron Hydride dihydroxide gas	324
HBS<g>	B ₁ H ₁ S ₁ <g>	Boron Hydride Sulphide gas	321
H ₂ <g>	H ₂ <g>	Dihydrogen gas	51
H ₂ B(OH)<g>	B ₁ H ₃ O ₁ <g>	Boron Dihydride Hydroxide gas	323
H ₃ B ₃ O ₆ <g>	B ₃ H ₃ O ₆ <g>	Boric Acid gas <i>trimer</i>	365
He<g>	He ₁ <g>	Helium gas	52
Hf	Hf ₁	Hafnium	52
Hf<g>	Hf ₁ <g>	Hafnium gas	53
HfB ₂	B ₂ Hf ₁	Hafnium Diboride	349
Hg<liquid>	Hg ₁	Mercury <i>liquid</i>	53
Hg<g>	Hg ₁ <g>	Mercury gas	54
Hg ₃ (AsO ₄) ₂	As ₂ Hg ₃ O ₈	Mercury Bis(Arsenate)	270
Ho	Ho ₁	Holmium	54
Ho<g>	Ho ₁ <g>	Holmium gas	55
I<g>	I ₁ <g>	Iodine gas	55
I ₂	I ₂	Diiodine	56
I ₂ <g>	I ₂ <g>	Diiodine gas	56
In	In ₁	Indium	57
In<g>	In ₁ <g>	Indium gas	57
InAs	As ₁ In ₁	Indium Arsenide	254
InAs<g>	As ₁ In ₁ <g>	Indium Arsenide gas	255

Formula	ASCII order	Name	Page
InAsO ₄	As ₁ In ₁ O ₄	Indium Arsenate	255
In ₂ <g>	In ₂ <g>	Diindium gas	58
Ir	Ir ₁	Iridium	58
Ir <g>	Ir ₁ <g>	Iridium gas	59
K	K ₁	Potassium	59
K <g>	K ₁ <g>	Potassium gas	60
KAlCl ₄	Al ₁ Cl ₄ K ₁	Potassium Tetrachloroaluminate	168
KAlF ₄ <g>	Al ₁ F ₄ K ₁ <g>	Potassium Tetrafluoroaluminate gas	177
KAlO ₂	Al ₁ K ₁ O ₂	Potassium Aluminate	188
KAl(SO ₄) ₂	Al ₁ K ₁ O ₈ S ₂	Potassium Aluminium Bis(Sulphate)	190
KAl(SO ₄) ₂ ·3H ₂ O	Al ₁ H ₆ K ₁ O ₁₁ S ₂	Potassium Aluminium Bis(Sulphate)—Water (1/3)	185
KAl(SO ₄) ₂ ·12H ₂ O	Al ₁ H ₂₄ K ₁ O ₂₀ S ₂	Potassium Aluminium Bis(Sulphate)—Water (1/12)	186
KAlSiO ₄	Al ₁ K ₁ O ₄ Si ₁	Potassium Aluminium Silicate, <i>Kaliophilite</i>	189
KAlSi ₂ O ₆	Al ₁ K ₁ O ₆ Si ₂	Potassium Aluminium Disilicate, <i>Leucite</i>	189
KBF ₄	B ₁ F ₄ K ₁	Potassium Tetrafluoroborate	317
KBF ₄ <g>	B ₁ F ₄ K ₁ <g>	Potassium Tetrafluoroborate gas	318
KBH ₄	B ₁ H ₄ K ₁	Potassium Tetrahydroborate	325
KBO ₂	B ₁ K ₁ O ₂	Potassium Borate	329
KBO ₂ <g>	B ₁ K ₁ O ₂ <g>	Potassium Borate gas	329
K ₂ <g>	K ₂ <g>	Dipotassium gas	60
K ₂ O·2B ₂ O ₃	B ₄ K ₂ O ₇	Potassium Oxide—Boron Oxide (1/2)	369
K ₂ O·4B ₂ O ₃	B ₈ K ₂ O ₁₃	Potassium Oxide—Boron Oxide (1/4)	379
K ₃ AlCl ₆	Al ₁ Cl ₆ K ₃	Tripotassium Hexachloroaluminate	169
K ₃ AlF ₆	Al ₁ F ₆ K ₃	Tripotassium Hexafluoroaluminate	179
K ₃ Al ₂ Cl ₉	Al ₂ Cl ₉ K ₃	Tripotassium Nonachloro-dialuminate	207
K ₃ AsO ₄	As ₁ K ₃ O ₄	Potassium Arsenate	256
Kr <g>	Kr ₁ <g>	Krypton gas	61
La	La ₁	Lanthanum	61
La <g>	La ₁ <g>	Lanthanum gas	62
LaAsO ₄	As ₁ La ₁ O ₄	Lanthanum Arsenate	256
LaB ₆	B ₆ La ₁	Monolanthanum Hexaboride	376
Li	Li ₁	Lithium	62
Li <g>	Li ₁ <g>	Lithium gas	63
LiAlF ₄ <g>	Al ₁ F ₄ Li ₁ <g>	Lithium Tetrafluoroaluminate gas	178
LiAlH ₄	Al ₁ H ₄ Li ₁	Lithium Tetrahydridoaluminate	185
LiAlO ₂	Al ₁ Li ₁ O ₂	Lithium Aluminate	190
LiBH ₄	B ₁ H ₄ Li ₁	Lithium Tetrahydroborate	326
LiBO ₂	B ₁ Li ₁ O ₂	Lithium Borate	330
LiBO ₂ <g>	B ₁ Li ₁ O ₂ <g>	Lithium Borate gas	330
Li ₂ <g>	Li ₂ <g>	Dilithium gas	63
Li ₂ O·2B ₂ O ₃	B ₄ Li ₂ O ₇	Lithium Oxide—Boron Oxide (1/2)	369
Li ₂ O·3B ₂ O ₃	B ₆ Li ₂ O ₁₀	Lithium Oxide—Boron Oxide (1/3)	376
Li ₂ O·4B ₂ O ₃	B ₈ Li ₂ O ₁₃	Lithium Oxide—Boron Oxide (1/4)	379
Li ₃ AlF ₆	Al ₁ F ₆ Li ₃	Trilithium Hexafluoroaluminate	179
Li ₃ AsO ₄	As ₁ Li ₃ O ₄	Lithium Arsenate	257
Lu	Lu ₁	Lutetium	64
Lu <g>	Lu ₁ <g>	Lutetium gas	64
Mg	Mg ₁	Magnesium	65

Formula	ASCII order	Name	Page
Mg<g>	Mg ₁ <g>	Magnesium gas	65
MgB ₂	B ₂ Mg ₁	Magnesium Diboride	350
Mg ₂ <g>	Mg ₂ <g>	Dimagnesium gas	66
MgB ₄	B ₄ Mg ₁	Magnesium Tetraboride	370
Mg ₃ (AsO ₄) ₂	As ₂ Mg ₃ O ₈	Magnesium Arsenate	271
Mn	Mn ₁	Manganese	66
Mn<g>	Mn ₁ <g>	Manganese gas	67
MnB	B ₁ Mn ₁	Manganese Monoboride	331
MnB ₂	B ₂ Mn ₁	Manganese Diboride	350
Mn ₃ (AsO ₄) ₂	As ₂ Mn ₃ O ₈	Manganese Bis(Arsenate)	272
Mo	Mo ₁	Molybdenum	67
Mo<g>	Mo ₁ <g>	Molybdenum gas	68
MoAsO ₄	As ₁ Mo ₁ O ₄	Molybdenum Arsenate	257
MoB	B ₁ Mo ₁	Molybdenum Monoboride	331
MoB _{1.65}	B _{1.65} Mo ₁	Molibdenum Diboride (boron-deficient)	342
MoB _{2.15}	B _{2.15} Mo ₁	Molybdenum Diboride (excess Boron)	360
MoB _{3.8}	B _{3.8} Mo ₁	Molybdenum Tetraboride (Boron deficient)	367
Mo ₂ <g>	Mo ₂ <g>	Dimolybdenum gas	68
Mo ₂ B	B ₁ Mo ₂	Dimolybdenum Monoboride	332
Mo ₂ B ₅	B ₅ Mo ₂	Dimolybdenum Pentaboride	374
N<g>	N ₁ <g>	Nitrogen gas	69
N ₂ <g>	N ₂ <g>	Dinitrogen gas	69
N ₃ <g>	N ₃ <g>	Trinitrogen gas	70
Na	Na ₁	Sodium	70
Na<g>	Na ₁ <g>	Sodium gas	71
NaAlCl ₄	Al ₁ Cl ₄ Na ₁	Sodium Tetrachloroaluminate	168
NaAlF ₄ <g>	Al ₁ F ₄ Na ₁ <g>	Sodium Tetrafluoroaluminate gas	178
NaAlO ₂	Al ₁ Na ₁ O ₂	Sodium Aluminate	192
NaAlO ₂ ·2SiO ₂ ·H ₂ O	Al ₁ H ₂ Na ₁ O ₇ Si ₂	Sodium Aluminate—Silicon Oxide— —Water (1/2/1), <i>Analcite</i>	182
NaAlOF ₂ <g>	Al ₁ F ₂ Na ₁ O ₁ <g>	Sodium Difluorooxoaluminate	175
NaAlSiO ₄	Al ₁ Na ₁ O ₄ Si ₁	Sodium Aluminium Silicate	192
NaBH ₄	B ₁ H ₄ Na ₁	Sodium Tetrahydroborate	326
NaBO ₂	B ₁ Na ₁ O ₂	Sodium Borate	333
NaBO ₂ <g>	B ₁ Na ₁ O ₂ <g>	Sodium Borate gas	334
NaB ₃ O ₅	B ₃ Na ₁ O ₅	Sodium Triboride Pentaoxide	366
Na ₂ <g>	Na ₂ <g>	Disodium gas	71
Na ₂ O·2B ₂ O ₃	B ₄ Na ₂ O ₇	Sodium oxide—Boron Oxide (1/2)	370
Na ₂ O·3B ₂ O ₃	B ₆ Na ₂ O ₁₀	Sodium Oxide—Boron Oxide (1/3)	377
Na ₂ O·4B ₂ O ₃	B ₈ Na ₂ O ₁₃	Sodium Oxide—Boron Oxide (1/4)	380
Na ₃ AlCl ₆	Al ₁ Cl ₆ Na ₃	Trisodium Hexachloroaluminate	169
Na ₃ AlF ₆	Al ₁ F ₆ Na ₃	Trisodium Hexafluoroaluminate, <i>Cryolite</i>	180
Na ₃ AsO ₄	As ₁ Na ₃ O ₄	Sodium Arsenate	258
Nb	Nb ₁	Niobium	72
Nb<g>	Nb ₁ <g>	Niobium gas	72
NbB ₂	B ₂ Nb ₁	Niobium Diboride	351
Nd	Nd ₁	Neodymium	73
Nd<g>	Nd ₁ <g>	Neodymium gas	73

Formula	ASCII order	Name	Page
Ne<g>	Ne ₁ <g>	Neon gas	74
Ni	Ni ₁	Nickel	74
Ni<g>	Ni ₁ <g>	Nickel gas	75
NiAl ₂ Cl ₈ <g>	Al ₂ Cl ₈ Ni ₁ <g>	Nickel Octachloro-dialuminate gas	206
NiB	B ₁ Ni ₁	Nickel Monoboride	334
Ni ₂ B	B ₁ Ni ₂	Dinickel Monoboride	335
Ni ₂ <g>	Ni ₂ <g>	Dinickel gas	75
Ni ₃ (AsO ₄) ₂	As ₂ Ni ₃ O ₈	Nickel Bis(Arsenate)	272
Ni ₃ B	B ₁ Ni ₃	Trinickel Monoboride	335
Ni ₄ B ₃	B ₃ Ni ₄	Tetranickel Triboride	366
Ni ₁₁ As ₈	As ₈ Ni ₁₁	Undecanickel Octaarsenide	285
Np	Np ₁	Neptunium	76
Np<g>	Np ₁ <g>	Neptunium gas	76
O<g>	O ₁ <g>	Oxygen gas	77
O(BF ₂) ₂ <g>	B ₂ F ₄ O ₁ <g>	Bis(Difluoroboryl) Oxygen gas	347
O ₂ <g>	O ₂ <g>	Dioxygen gas	77
O ₃ <g>	O ₃ <g>	Trioxxygen gas	78
Os	Os ₁	Osmium	78
Os<g>	Os ₁ <g>	Osmium gas	79
P<Red>	P ₁ <RED>	Phosphorus <i>red</i>	80
P<White>	P ₁	Phosphorus <i>white</i>	79
P<g>	P ₁ <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	Pa ₁	Protactinium	82
Pa<g>	Pa ₁ <g>	Protactinium gas	83
Pb	Pb ₁	Lead	83
Pb<g>	Pb ₁ <g>	Lead gas	84
PbB ₄ O ₇	B ₄ O ₇ Pb ₁	Lead Tetraboride Heptaoxide	371
PbO·B ₂ O ₃	B ₂ O ₄ Pb ₁	Lead Oxide—Diboron Trioxide (1/1)	354
Pb ₂ <g>	Pb ₂ <g>	Dilead gas	84
Pb ₂ B ₁₀ O ₁₇	B ₁₀ O ₁₇ Pb ₂	Dilead Hetadecaoso Decaborate	381
Pb ₂ O·3B ₂ O ₃	B ₆ O ₁₀ Pb ₁	Lead Oxide—Boron Oxide (1/3)	377
Pb ₃ (AsO ₄) ₂	As ₂ O ₈ Pb ₃	Lead Arsenate	275
Pd	Pd ₁	Palladium	85
Pd<g>	Pd ₁ <g>	Palladium gas	85
Pm	Pm ₁	Promethium	86
Pm<g>	Pm ₁ <g>	Promethium gas	86
Po	Po ₁	Polonium	87
Po<g>	Po ₁ <g>	Polonium gas	87
Po ₂ <g>	Po ₂ <g>	Dipolonium gas	88
Pr	Pr ₁	Praseodymium	88
Pr<g>	Pr ₁ <g>	Praseodymium gas	89
Pt	Pt ₁	Platinum	89
Pt<g>	Pt ₁ <g>	Platinum gas	90
Pu	Pu ₁	Plutonium	90
Pu<g>	Pu ₁ <g>	Plutonium gas	91

Formula	ASCII order	Name	Page
Ra	Ra ₁	Radium	91
Ra<g>	Ra ₁ <g>	Radium gas	92
Rb	Rb ₁	Rubidium	92
Rb<g>	Rb ₁ <g>	Rubidium gas	93
RbBO ₂	B ₁ O ₂ Rb ₁	Rubidium Borate	337
RbBO ₂ <g>	B ₁ O ₂ Rb ₁ <g>	Rubidium Borate gas	337
Rb ₂ <g>	Rb ₂ <g>	Dirubidium gas	93
Rb ₂ O·B ₂ O ₃	B ₂ O ₄ Rb ₂	Rubidium Oxide—Diboron Trioxide (1/1)	354
Rb ₃ AsO ₄	As ₁ O ₄ Rb ₃	Rubidium Arsenate	260
Re	Re ₁	Rhenium	94
Re<g>	Re ₁ <g>	Rhenium gas	94
ReAsO ₄	As ₁ O ₄ Re ₁	Rhenium Arsenate	260
Rh	Rh ₁	Rhodium	95
Rh<g>	Rh ₁ <g>	Rhodium gas	95
Rn<g>	Rn ₁ <g>	Radon gas	96
Ru	Ru ₁	Ruthenium	96
Ru<g>	Ru ₁ <g>	Ruthenium gas	97
S	S ₁	Sulphur	97
S<g>	S ₁ <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>	Pentasulphur gas	100
S ₆ <g>	S ₆ <g>	Hexasulphur gas	100
S ₇ <g>	S ₇ <g>	Heptasulphur gas	101
S ₈ <g>	S ₈ <g>	Octasulphur gas	101
Sb	Sb ₁	Antimony	102
Sb<g>	Sb ₁ <g>	Antimony gas	102
SbAs<g>	As ₁ Sb ₁ <g>	Antimony Monoarsenide gas	264
SbAs ₃ <g>	As ₃ Sb ₁ <g>	Antimony Triarsenide gas	280
Sb ₂ <g>	Sb ₂ <g>	Diantimony gas	103
Sb ₂ As ₂ <g>	As ₂ Sb ₂ <g>	Diantimony Diarsenide gas	278
Sb ₃ <g>	Sb ₃ <g>	Triantimony gas	103
Sb ₃ As<g>	As ₁ Sb ₃ <g>	Triantimony Monoarsenide gas	264
Sb ₄ <g>	Sb ₄ <g>	Tetraantimony gas	104
Sc	Sc ₁	Scandium	104
Sc<g>	Sc ₁ <g>	Scandium gas	105
ScAsO ₄	As ₁ O ₄ Sc ₁	Scandium Arsenate	261
Se	Se ₁	Selenium	105
Se<g>	Se ₁ <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	Si ₁	Silicon	110

Formula	ASCII order	Name	Page
Si<g>	Si ₁ <g>	Silicon gas	110
SiB ₁₄	B ₁₄ Si ₁	Silicon Tetradecaboride	382
SiO ₂ ·2BaO	Ba ₂ O ₄ Si ₁	Silicon Oxide—Barium Oxide (1/2)	404
2SiO ₂ ·3Al ₂ O ₃	Al ₆ O ₁₃ Si ₂ <MULLITE>	Silicon Oxide—Aluminium Oxide (2/3), <i>Mullite</i>	238
3SiO ₂ ·7MgO·9Al ₂ O ₃	Al ₁₈ Mg ₇ O ₄₀ Si ₃ <SAPPHIR.>	Silicon Oxide—Magnesium Oxide— —Aluminium Oxide (3/7/9), <i>Sapphirine</i>	240
SiZnAs ₂	As ₂ Si ₁ Zn ₁	Silicon Zinc Diarsenide	279
Si ₂ <g>	Si ₂ <g>	Disilicon gas	111
Si ₃ <g>	Si ₃ <g>	Trisilicon gas	111
Sm	Sm ₁	Samarium	112
Sm<g>	Sm ₁ <g>	Samarium gas	112
Sn	Sn ₁	Tin	113
Sn<g>	Sn ₁ <g>	Tin gas	113
Sn ₂ <g>	Sn ₂ <g>	Ditin gas	114
Sn ₃ (AsO ₄) ₂	As ₂ O ₈ Sn ₃	Tin Diarsenate	275
Sr	Sr ₁	Strontium	114
Sr<g>	Sr ₁ <g>	Strontium gas	115
SrBO ₂ <g>	B ₁ O ₂ Sr ₁ <g>	Strontium Monoborate gas	338
Sr ₃ (AsO ₄) ₂	As ₂ O ₈ Sr ₃	Strontium Arsenate	276
T<g>	T ₁ <g>	Tritium gas	115
T ₂ <g>	T ₂ <g>	Ditritium gas	116
Ta	Ta ₁	Tantalum	116
Ta<g>	Ta ₁ <g>	Tantalum gas	117
TaB ₂	B ₂ Ta ₁	Tantalum Diboride	357
Tb	Tb ₁	Terbium	117
Tb<g>	Tb ₁ <g>	Terbium gas	118
Tc	Tc ₁	Technetium	118
Tc<g>	Tc ₁ <g>	Technetium gas	119
Te	Te ₁	Tellurium	119
Te<g>	Te ₁ <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	Th ₁	Thorium	123
Th<g>	Th ₁ <g>	Thorium gas	124
Ti	Ti ₁	Titanium	124
Ti<g>	Ti ₁ <g>	Titanium gas	125
Ti ₂ <g>	Ti ₂ <g>	Dititanium gas	125
Ti ₃ As ₂ O ₄	As ₂ O ₄ Ti ₃	Titanium Tetraoxodiarsenate	274
TiB	B ₁ Ti ₁	Titanium Monoboride	340
TiB ₂	B ₂ Ti ₁	Titanium Diboride	357
TiO ₂ ·2BaO	Ba ₂ O ₄ Ti ₁	Titanium Dioxide—Barium Oxide (1/2)	405
Tl	Tl ₁	Thallium	126
Tl<g>	Tl ₁ <g>	Thallium gas	126

Formula	ASCII order	Name	Page
TlAsO ₄	As ₁ O ₄ Tl ₁	Thallium Arsenate	261
Tm	Tm ₁	Thullium	127
Tm<g>	Tm ₁ <g>	Thullium gas	127
U	U ₁	Uranium	128
U<g>	U ₁ <g>	Uranium gas	128
UB ₂	B ₂ U ₁	Uranium Diboride	358
UB ₄	B ₄ U ₁	Uranium Tetraboride	372
UB ₁₂	B ₁₂ U ₁	Uranium Dodecaboride	382
V	V ₁	Vanadium	129
V<g>	V ₁ <g>	Vanadium gas	129
VB	B ₁ V ₁	Vanadium Monoboride	341
VB ₂	B ₂ V ₁	Vanadium Diboride	358
V ₂ B ₃	B ₃ V ₂	Divanadium Triboride	367
V ₃ B ₂	B ₂ V ₃	Trivanadium Diboride	359
V ₃ B ₄	B ₄ V ₃	Trivanadium Tetraboride	372
V ₅ B ₆	B ₆ V ₅	Pentavanadium Hexaboride	378
W	W ₁	Tungsten	130
W<g>	W ₁ <g>	Tungsten gas	130
WB	B ₁ W ₁	Tungsten Monoboride	341
W ₂ B	B ₁ W ₂	Ditungsten Monoboride	342
W ₂ B ₅	B ₅ W ₂	Ditungsten Pentaboride	374
Xe<g>	Xe ₁ <g>	Xenon gas	131
Xe ₂ <g>	Xe ₂ <g>	Dixenon gas	131
Y	Y ₁	Yttrium	132
Y<g>	Y ₁ <g>	Yttrium gas	132
YAsO ₄	As ₁ O ₄ Y ₁	Yttrium Arsenate	262
Yb	Yb ₁	Ytterbium	133
Yb<g>	Yb ₁ <g>	Ytterbium gas	133
Zn	Zn ₁	Zinc	134
Zn<g>	Zn ₁ <g>	Zinc gas	134
Zn ₃ (AsO ₄) ₂	As ₂ O ₈ Zn ₃	Zinc Arsenate	276
Zr	Zr ₁	Zirconium	135
Zr<g>	Zr ₁ <g>	Zirconium gas	135
ZrB ₂	B ₂ Zr ₁	Zirconium Diboride	359
Zr ₂ <g>	Zr ₂ <g>	Dizirconium gas	136

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