

JESS Thermodynamic Database v8.9

Chemical species in reactions with Arsenic

24-Jan-23

Charge	CAS	Count	Molecular formula	Mol. mass
Ag+1 Silver(I) ion				
1	14701-21-4	1534	Ag (1)	107.870
Ag+1_H+1 (2) _AsO3-3				
0	---	1	Ag (1) As (1) H (2) O (3)	232.806
Ag+1_Triphenylarsine				
1	---	2	C (18) H (15) Ag (1) As (1)	414.109
Ag+1_Triphenylarsine (2)				
1	---	3	C (36) H (30) Ag (1) As (2)	720.348
Ag+1_Triphenylarsine (3)				
1	---	2	C (54) H (45) Ag (1) As (3)	1026.59
Ag+1 (3) _AsO3-3_(s) Silver(I) arsenite				
0	7784-08-9	1	Ag (3) As (1) O (3)	446.530
Ag+1 (3) _AsO4-3_(s) Silver(I) arsenate				
0	13510-44-6	3	Ag (3) As (1) O (4)	462.530
Ag (s) Silver; Silver, cubic				
0	7440-22-4	182	Ag (1)	107.870
Al+3 Aluminium(III) ion; Aluminum(III) ion				
3	22537-23-1	1518	Al (1)	26.9820

Al+3_AsO4-3				
0	---	2	Al (1) As (1) O (4)	165.902
Al+3_AsO4-3_(s) Aluminium arsenate				
0	13462-91-4	2	Al (1) As (1) O (4)	165.902
Al+3_H+1_AsO4-3				
1	---	1	Al (1) As (1) H (1) O (4)	166.910
Al+3_H+1(2)_Arsenazo3-8				
-3	---	1	C (22) H (12) Al (1) As (2) N (4) O (14) S (2)	797.302
Al+3_H+1(2)_AsO3-3				
2	---	1	Al (1) As (1) H (2) O (3)	151.918
Al+3_H+1(2)_AsO4-3				
2	---	1	Al (1) As (1) H (2) O (4)	167.918
Al+3_H+1(3)_OH-1_Arsenazo3-8				
-3	---	1	C (22) H (14) Al (1) As (2) N (4) O (15) S (2)	815.317
Al+3_OH-1				
2	---	15	Al (1) H (1) O (1)	43.9893
Al+3_OH-1_AsO4-3				
-1	---	1	Al (1) As (1) H (1) O (5)	182.909
Al(s) Aluminium; Aluminium, cubic				
0	7429-90-5	216	Al (1)	26.9820
AlAs(s) Aluminium arsenide				
0	---	1	Al (1) As (1)	101.904
Arsenazo1-6				

Arsenazo I anion; 2-Arsonophenylazochromotropate anion; 2-[4,5-Dihydroxy-2,7-disulfo-3-naphthylazo]benzenearsonate ion				
-6	---	46	C (16) H (7) As (1) N (2) O (11) S (2)	542.280
Arsenazo3-8 Arsenazo III anion				
-8	---	37	C (22) H (10) As (2) N (4) O (14) S (2)	768.304
As+3_Br-1(3)_ (s) Arsenic tribromide; Arsenic tribromide, yellow; Arsenic tribromide, orthorhombic				
0	7784-33-0	1	As (1) Br (3)	314.634
As+3_Cat-2(2)				
-1	---	1	C (12) H (8) As (1) O (4)	291.115
As+3_Cl-1_OH-1(2)				
0	---	1	As (1) Cl (1) H (2) O (2)	144.390
As+3_Cl-1(2)_OH-1				
0	---	1	As (1) Cl (2) H (1) O (1)	162.835
As+3_Cl-1(3)				
0	---	1	As (1) Cl (3)	181.281
As+3_Cl-1(3)_ (g) Arsenic trichloride gas; Arsenic chloride gas				
0	---	1	As (1) Cl (3)	181.281
As+3_Cl-1(3)_ (l) Arsenic trichloride liquid; Arsenic chloride liquid				
0	---	1	As (1) Cl (3)	181.281
As+3_DDC-1(3)				
0	---	1	C (15) H (30) As (1) N (3) S (6)	519.705
As+3_F-1_OH-1(2)				
0	---	1	As (1) F (1) H (2) O (2)	127.935

As+3_F-1(3)_ (1) Arsenic fluoride liquid				
0	---	1	As (1) F (3)	131.917
As+3_H+1_OH-1_S-2(2)				
-1	---	1	As (1) H (2) O (1) S (2)	157.057
As+3_H+1_OH-1(2)_Ascorbic-2				
0	---	1	C (6) H (9) As (1) O (8)	284.055
As+3_H+1_OH-1(2)_CDTA-4				
-2	---	1	C (14) H (21) As (1) N (2) O (10)	452.250
As+3_H+1_OH-1(2)_Citric-3				
-1	---	1	C (6) H (8) As (1) O (9)	299.046
As+3_H+1_OH-1(2)_EDTA-4				
-2	---	2	C (10) H (15) As (1) N (2) O (10)	398.159
As+3_H+1_OH-1(2)_NTA-3				
-1	---	1	C (6) H (9) As (1) N (1) O (8)	298.061
As+3_H+1_OH-1(4)				
0	---	1	As (1) H (5) O (4)	143.959
As+3_H+1_S-2(2)				
0	---	1	As (1) H (1) S (2)	140.050
As+3_H+1(-1)_DDC-1_Dithizone-1				
0	---	1	C (18) H (20) As (1) N (5) S (3)	477.492
As+3_H+1(-1)_DMannitol_OH-1(2)				
0	---	2	C (6) H (15) As (1) O (8)	290.102
As+3_H+1(-2)_DArabinose_OH-1(2)				
-1	---	1	C (5) H (10) As (1) O (7)	257.052

As+3_H+1(-2)_DFructose_OH-1(2)				
-1	---	2	C(6)H(12)As(1)O(8)	287.079
As+3_H+1(-2)_DGlucose_OH-1(2)				
-1	---	1	C(6)H(12)As(1)O(8)	287.079
As+3_H+1(-2)_DMannitol_OH-1(2)				
-1	---	2	C(6)H(14)As(1)O(8)	289.094
As+3_H+1(-2)_DMannose_OH-1(2)				
-1	---	2	C(6)H(12)As(1)O(8)	287.079
As+3_H+1(-2)_DRibose_OH-1(2)				
-1	---	1	C(5)H(10)As(1)O(7)	257.052
As+3_H+1(-2)_DXylose_OH-1(2)				
-1	---	1	C(5)H(10)As(1)O(7)	257.052
As+3_H+1(-2)_Galactitol_OH-1(2)				
-1	---	1	C(6)H(14)As(1)O(8)	289.094
As+3_H+1(-2)_LArabinose_OH-1(2)				
-1	---	1	C(5)H(10)As(1)O(7)	257.052
As+3_H+1(-2)_LSorbose_OH-1(2)				
-1	---	1	C(6)H(12)As(1)O(8)	287.079
As+3_H+1(-4)_DFructose(2)				
-1	---	1	C(12)H(20)As(1)O(12)	431.206
As+3_H+1(-4)_DGlucose(2)_OH-1				
-2	---	1	C(12)H(21)As(1)O(13)	448.213
As+3_H+1(-4)_DMannose(2)				
-1	---	2	C(12)H(20)As(1)O(12)	431.206

As+3_H+1(-4)_LRhamnose(2)				
-1	---	1	C(12)H(20)As(1)O(10)	399.207
As+3_H+1(-4)_LSorbose(2)				
-1	---	1	C(12)H(20)As(1)O(12)	431.206
As+3_H+1(3)				
6	---	1	As(1)H(3)	77.9458
As+3_I-1(3)_ (s) Arsenic iodide				
0	---	2	As(1)I(3)	455.622
As+3_OH-1_NTA-3				
-1	---	1	C(6)H(7)As(1)N(1)O(7)	280.046
As+3_OH-1(2)				
1	---	11	As(1)H(2)O(2)	108.937
As+3_OH-1(2)_Cat-2				
-1	---	1	C(6)H(6)As(1)O(4)	217.033
As+3_OH-1(2)_Citric-3				
-2	---	1	C(6)H(7)As(1)O(9)	298.038
As+3_OH-1(2)_S-2				
-1	---	1	As(1)H(2)O(2)S(1)	140.997
As+3_OH-1(2)_Tartaric-2				
-1	---	1	C(4)H(6)As(1)O(8)	257.009
As+3_OH-1(3)				
0	---	20	As(1)H(3)O(3)	125.944
As+3_OH-1(4)				
-1	---	11	As(1)H(4)O(4)	142.951

As+3 _S-2 (2)				
-1	---	3	As (1) S (2)	139.042
As+3 _Tiron-4 (2)				
-5	---	1	C (12) H (4) As (1) O (16) S (4)	607.316
As+3 _Tl+1 _S-2 (2) _ (s)				
0	---	1	As (1) S (2) Tl (1)	343.425
As+3 (2) _S-2 (3)				
0	---	1	As (2) S (3)	246.024
As+3 (2) _S-2 (3) _ (s) Arsenic trisulphide; Orpiment; Arsenic sulfide				
0	1303-33-9	2	As (2) S (3)	246.024
As+3 (2) _Se-2 (3) _ (s) Arsenic selenide				
0	---	1	As (2) Se (3)	386.733
As+3 (2) _Te-2 (3) _ (s) Arsenic telluride				
0	---	1	As (2) Te (3)	532.653
As+3 (3) _H+1 (2) _S-2 (6)				
-1	---	1	As (3) H (2) S (6)	419.142
As+3 (3) _S-2 (6)				
-3	---	1	As (3) S (6)	417.126
As+3 (6) _S-2 (9) _ (s)				
0	---	1	As (6) S (9)	738.072
As (g) Arsenic (gas)				
0	---	1	As (1)	74.9220

As (s) Arsenic; Arsenic, rhombohedral; Arsenic, grey/gray; Arsenic, alpha				
0	7440-38-2	179	As (1)	74.9220
As (yellow, g) Arsenic, yellow, gas				
0	---	1	As (1)	74.9220
As (yellow, s) Arsenic, yellow				
0	---	1	As (1)	74.9220
As₂O₃ (Arsen. , s) Arsenic oxide, arsenolite; Arsenic trioxide, arsenolite; Arsenolite; Arsenic(III) oxide, white cubic				
0	---	2	As (2) O (3)	197.842
As₂O₃ (Claud. , s) Arsenic oxide, claudetite; Arsenic trioxide, claudetite; Claudetite; Arsenic(III) oxide, white monoclinic				
0	1327-53-3	3	As (2) O (3)	197.842
As₂O₅*3.5H₂O (s)				
0	---	1	As (6) H (10) O (20)	779.599
As₂O₅ (s) Arsenic pentoxide				
0	1303-28-2	2	As (2) O (5)	229.841
As₂S₂ (s) Diarsenic disulfide				
0	---	1	As (2) S (2)	213.964
As₄ (g)				
0	---	1	As (4)	299.688
As₄O₆ (cubic, s) Arsenic(III) oxide, cubic				
0	---	3	As (4) O (6)	395.684

As₄O₆ (g)				
0	---	1	As (4) O (6)	395.684
As₄O₆ (mono, s) Arsenic(III) oxide, monoclinic				
0	---	1	As (4) O (6)	395.684
As₄S₄ (a-Realgar, s) Tetraarsenic tetrasulfide, realgar; Realgar; Realgar, alpha				
0	---	1	As (4) S (4)	427.928
As₄S₄ (b-Realgar, s) Realgar, beta				
0	---	1	As (4) S (4)	427.928
As₄S₄ (s) Tetraarsenic tetrasulfide (realgar undistinguished); Realgar, undistinguished				
0	---	1	As (4) S (4)	427.928
AsAsAsTriEtBu₃enylAs⁺ As, As, As-Triethylbut-3-enylarsinium cation				
1	---	1	C (10) H (22) As (1)	217.207
Ascorbic-2 L-Ascorbate ion; Ascorbate ion				
-2	63983-50-6	133	C (6) H (6) O (6)	174.110
AsF₆-1 Hexafluoroarsenate (V) ion				
-1	16973-45-8	1	As (1) F (6)	188.912
AsH₃ (g) Arsine; Arsenic hydride gas; Arsenic Hydride				
0	7784-42-1	4	As (1) H (3)	77.9458
AsO⁺				
1	---	9	As (1) O (1)	90.9214
AsO⁺₁_Cat-2				

-1	---	1	C (6) H (4) As (1) O (3)	199.018
AsO+1_H+1 (-2) _DFructose				
-1	---	1	C (6) H (10) As (1) O (7)	269.063
AsO+1_H+1 (-2) _DGalactose				
-1	---	1	C (6) H (10) As (1) O (7)	269.063
AsO+1_H+1 (-2) _DGlucose				
-1	---	1	C (6) H (10) As (1) O (7)	269.063
AsO+1_H+1 (-2) _DMannose				
-1	---	1	C (6) H (10) As (1) O (7)	269.063
AsO+1_OH-1 (2)				
-1	---	2	As (1) H (2) O (3)	124.936
AsO2-1				
-1	---	11	As (1) O (2)	106.921
AsO3-3 Arsenite ion				
-3	15502-74-6	48	As (1) O (3)	122.920
AsO3CH3-2 Methyltrioxoarsenate				
-2	---	3	C (1) H (3) As (1) O (3)	137.955
AsO4-3 Arsenate ion				
-3	15584-04-0	238	As (1) O (4)	138.920
AsS (s) Arsenic sulphide; Arsenic monosulfide				
0	---	1	As (1) S (1)	106.982
Au+1 (3) _AsO4-3 (s) Gold(I) arsenate; Trigold arsenate				
0	---	1	As (1) Au (3) O (4)	729.830

Au (s) Gold; Gold, cubic				
0	7440-57-5	96	Au (1)	196.970
Ba+2 Barium(II) ion				
2	22541-12-4	584	Ba (1)	137.330
Ba+2_Arsenazo1-6				
-4	---	1	C (16) H (7) As (1) Ba (1) N (2) O (11) S (2)	679.610
Ba+2_AsO4-3				
-1	---	1	As (1) Ba (1) O (4)	276.250
Ba+2_H+1_Arsenazo1-6				
-3	---	1	C (16) H (8) As (1) Ba (1) N (2) O (11) S (2)	680.618
Ba+2_H+1_AsO4-3				
0	---	1	As (1) Ba (1) H (1) O (4)	277.258
Ba+2_H+1_AsO4-3_H2O_ (s)				
0	---	3	As (1) Ba (1) H (3) O (5)	295.273
Ba+2_H+1 (2)_AsO3-3				
1	---	1	As (1) Ba (1) H (2) O (3)	262.266
Ba+2_H+1 (4)_AsO4-3 (2)_H2O_ (s)				
0	---	2	As (2) Ba (1) H (6) O (9)	437.216
Ba+2 (3)_AsO4-3 (2)_ (s) Barium arsenate				
0	13477-04-8	3	As (2) Ba (3) O (8)	689.829
Ba (s) Barium; Barium, cubic; Barium, lambda trans.				
0	7440-39-3	64	Ba (1)	137.330

Be+2 (3)_AsO4-3 (2)_ (s) Beryllium arsenate				
0	---	1	As (2) Be (3) O (8)	304.876
Be (s) Beryllium; Beryllium, hexagonal; Beryllium, alpha; Beryllium, hcp				
0	7440-41-7	44	Be (1)	9.01220
Bi+3 Bismuth(III) ion				
3	23713-46-4	335	Bi (1)	208.980
Bi+3 _AsO4-3_ (s) Bismuth arsenate				
0	---	2	As (1) Bi (1) O (4)	347.900
Bi (s) Bismuth; Bismuth, rhombohedral				
0	7440-69-9	61	Bi (1)	208.980
Br2 (l) Bromine, liquid				
0	---	285	Br (2)	159.808
Ca+2 Calcium(II) ion				
2	14127-61-8	2161	Ca (1)	40.0780
Ca+2 _Arsenazo1-6				
-4	---	1	C (16) H (7) As (1) Ca (1) N (2) O (11) S (2)	582.358
Ca+2 _AsO4-3				
-1	---	2	As (1) Ca (1) O (4)	178.998
Ca+2 _H+1 _Arsenazo1-6				
-3	---	1	C (16) H (8) As (1) Ca (1) N (2) O (11) S (2)	583.366
Ca+2 _H+1 _AsO4-3				
0	---	2	As (1) Ca (1) H (1) O (4)	180.006

Ca+2_H+1(2)_AsO3-3				
1	---	1	As(1)Ca(1)H(2)O(3)	165.014
Ca+2_H+1(2)_AsO4-3				
1	---	2	As(1)Ca(1)H(2)O(4)	181.014
Ca+2_H+1(4)_AsO4-3(2)_(s)				
0	10553-69-2	2	As(2)Ca(1)H(4)O(8)	321.949
Ca+2(10)_OH-1(2)_AsO4-3(6)_(s)				
0	---	2	As(6)Ca(10)H(2)O(26)	1268.31
Ca+2(2)_OH-1_AsO4-3_(s)				
0	126021-07-6	2	As(1)Ca(2)H(1)O(5)	236.083
Ca+2(3)_AsO4-3(2)_(s) Calcium arsenate				
0	7778-44-1	3	As(2)Ca(3)O(8)	398.073
Ca+2(5)_H+1(2)_AsO4-3(4)_(s)				
0	89067-81-2	2	As(4)Ca(5)H(2)O(16)	758.084
Ca(s) Calcium; Calcium, cubic; Calcium, fcc; Calcium, alpha				
0	7440-70-2	184	Ca(1)	40.0780
Cacodylic-1				
-1	---	2	C(2)H(6)As(1)O(2)	136.990
Cd+2 Cadmium(II) ion				
2	22537-48-0	3554	Cd(1)	112.410
Cd+2_AsO4-3				
-1	---	1	As(1)Cd(1)O(4)	251.330
Cd+2_H+1_Arsenazol-6				

-3	---	1	C (16) H (8) As (1) Cd (1) N (2) O (11) S (2)	655.698
Cd+2_H+1_AsO4-3				
0	---	1	As (1) Cd (1) H (1) O (4)	252.338
Cd+2 (3)_AsO4-3 (2)_ (s) Cadmium arsenate				
0	25160-35-4	2	As (2) Cd (3) O (8)	615.069
Cd (s) Cadmium; Cadmium, hexagonal; Cadmium, gamma				
0	7440-43-9	97	Cd (1)	112.410
Cd3As2 (s) Calcium arsenide				
0	---	1	As (2) Cd (3)	487.074
Ce+3 Cerium(III) ion				
3	18923-26-7	627	Ce (1)	140.120
Ce+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Ce (1) N (2) O (11) S (2)	684.416
Ce+3_H+1 (4)_Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Ce (1) N (4) O (14) S (2)	912.456
Ce+4 Cerium(IV) ion				
4	16065-90-0	69	Ce (1)	140.120
Ce+4_H+1 (2)_AsO3-3				
3	---	2	As (1) Ce (1) H (2) O (3)	265.056
Ce+4_H+1 (3)_AsO3-3				
4	---	2	As (1) Ce (1) H (3) O (3)	266.064
Ce+4_OH-1				
3	---	9	Ce (1) H (1) O (1)	157.127

Citric-3 Citrate ion				
-3	126-44-3	1347	C (6) H (5) O (7)	189.102
Cl-1 Chloride ion				
-1	16887-00-6	2242	Cl (1)	35.4530
Cl2 (g) Chlorine gas				
0	7782-50-5	589	Cl (2)	70.9060
ClO4-1 Perchlorate ion				
-1	14797-73-0	114	Cl (1) O (4)	99.4506
Co+2 Cobalt(II) ion				
2	22541-53-3	2857	Co (1)	58.9330
Co+2 _AsO4-3				
-1	---	2	As (1) Co (1) O (4)	197.853
Co+2 _Cl-1 (3)				
-1	---	4	Cl (3) Co (1)	165.292
Co+2 _H+1 _AsO4-3				
0	---	3	As (1) Co (1) H (1) O (4)	198.861
Co+2 _H+1 (2) _AsO4-3				
1	---	1	As (1) Co (1) H (2) O (4)	199.869
Co+2 _Ph4As+1 _Cl-1 (3) _ (s)				
0	---	1	C (24) H (20) As (1) Cl (3) Co (1)	548.637
Co+2 (3) _AsO3-3 (2) _ (s)				
0	---	1	As (2) Co (3) O (6)	422.639

Co+2 (3) _AsO4-3 (2) _ (s) Cobalt arsenate				
0	24719-19-5	2	As (2) Co (3) O (8)	454.638
Co+2 (3) _AsO4-3 (2) _H2O (8) _ (s)				
0	---	2	As (2) Co (3) H (16) O (16)	598.760
Co+3 _H+1 _NH3 (5)				
4	---	1	Co (1) H (16) N (5)	145.094
Co+3 _H+1 _NH3 (5) _AsO4-3				
1	---	3	As (1) Co (1) H (16) N (5) O (4)	284.013
Co+3 _H+1 (2) _NH3 (5)				
5	---	1	Co (1) H (17) N (5)	146.102
Co+3 _H+1 (2) _NH3 (5) _AsO4-3				
2	---	3	As (1) Co (1) H (17) N (5) O (4)	285.021
Co+3 _H+1 (3) _NH3 (5) _AsO4-3				
3	---	1	As (1) Co (1) H (18) N (5) O (4)	286.029
Co+3 _NH3 (5) _AsO4-3				
0	---	1	As (1) Co (1) H (15) N (5) O (4)	283.005
Co (s) Cobalt; Cobalt, hcp; Cobalt, alpha				
0	7440-48-4	133	Co (1)	58.9330
Co2As (s)				
0	---	1	As (1) Co (2)	192.788
Co2As3 (s)				
0	---	1	As (3) Co (2)	342.632
Co3As2 (s)				
0	---	1	As (2) Co (3)	326.643

Co₅As₂ (s)				
0	---	1	As (2) Co (5)	444.509
CoAs (s) Modderite				
0	---	1	As (1) Co (1)	133.855
CoAs₂ (s) Safflorite				
0	---	1	As (2) Co (1)	208.777
Cr+2 Chromium(II) ion				
2	22541-79-3	128	Cr (1)	51.9960
Cr+2 (3) _AsO₄-3 (2) _ (s) Chromium(II) arsenate; Trichromium arsenate				
0	---	2	As (2) Cr (3) O (8)	433.827
Cr+3 Chromium(III) ion				
3	16065-83-1	540	Cr (1)	51.9960
Cr+3 _AsO₄-3 _ (s) Chromium(III) arsenate; Chromium monoarsenate				
0	15070-22-1	2	As (1) Cr (1) O (4)	190.916
Cr (s) Chromium; Chromium, bcc				
0	7440-47-3	69	Cr (1)	51.9960
Cr₂O₇-2 Dichromate ion				
-2	13907-47-6	22	Cr (2) O (7)	215.988
Cs+1 Caesium(I) ion; Cesium(I) ion				
1	18459-37-5	246	Cs (1)	132.910

Cs+1 (3) _AsO4-3_ (s) Caesium arsenate; Cesium arsenate				
0	---	2	As (1) Cs (3) O (4)	537.650
Cs (s) Caesium; Cesium; Caesium, cubic				
0	7440-46-2	37	Cs (1)	132.910
Cu+1 Copper(I) ion; Cuprous ion				
1	17493-86-6	491	Cu (1)	63.5460
Cu+1_Triphenylarsine				
1	---	1	C (18) H (15) As (1) Cu (1)	369.785
Cu+1_Triphenylarsine (2)				
1	---	1	C (36) H (30) As (2) Cu (1)	676.024
Cu+1 (3) _AsO4-3_ (s) Copper(I) arsenate; Tricopper monoarsenate				
0	---	2	As (1) Cu (3) O (4)	329.558
Cu+2 Copper(II) ion; Cupric ion				
2	15158-11-9	9346	Cu (1)	63.5460
Cu+2_Arsenazo1-6				
-4	---	1	C (16) H (7) As (1) Cu (1) N (2) O (11) S (2)	605.826
Cu+2_Arsenazo3-8				
-6	---	1	C (22) H (10) As (2) Cu (1) N (4) O (14) S (2)	831.850
Cu+2_AsO4-3				
-1	---	2	As (1) Cu (1) O (4)	202.466
Cu+2_H+1_Arsenazo1-6				
-3	---	2	C (16) H (8) As (1) Cu (1) N (2) O (11) S (2)	606.834

Cu+2_H+1_AsO4-3				
0	---	1	As (1) Cu (1) H (1) O (4)	203.474
Cu+2_H+1_AsO4-3_H2O_(s)				
0	---	2	As (1) Cu (1) H (3) O (5)	221.489
Cu+2_H+1(2)_AsO3-3				
1	---	1	As (1) Cu (1) H (2) O (3)	188.482
Cu+2_H+1(2)_AsO4-3				
1	---	1	As (1) Cu (1) H (2) O (4)	204.482
Cu+2_H+1(3)_Arsenazo3-8				
-3	---	1	C (22) H (13) As (2) Cu (1) N (4) O (14) S (2)	834.874
Cu+2_H+1(5)_Arsenazo3-8				
-1	---	1	C (22) H (15) As (2) Cu (1) N (4) O (14) S (2)	836.890
Cu+2(2)_H+1(2)_Arsenazo1-6				
0	---	2	C (16) H (9) As (1) Cu (2) N (2) O (11) S (2)	671.388
Cu+2(2)_OH-1_AsO4-3_(s) Copper arsenate hydroxide				
0	12774-48-0	2	As (1) Cu (2) H (1) O (5)	283.019
Cu+2(3)_AsO4-3(2)_(s) Copper(II) arsenate; Tricopper diarsenate				
0	7778-41-8	2	As (2) Cu (3) O (8)	468.477
Cu+2(5)_H+1(2)_AsO4-3(4)_H2O(4)_(s)				
0	---	1	As (4) Cu (5) H (10) O (20)	947.485
Cu(s) Copper; Copper, cubic				
0	7440-50-8	254	Cu (1)	63.5460
Cu2As(s)				

0	---	3	As (1) Cu (2)	202.014
Cu₂O (s) Cuprite; Cuprous oxide; Dicopper oxide				
0	1317-39-1	11	Cu (2) O (1)	143.091
Cu₃As (s)				
0	---	2	As (1) Cu (3)	265.560
DArabinose D-Arabinose; D(-)-Arabinose; Arabinose D-				
0	28697-53-2	4	C (5) H (10) O (5)	150.131
DFructose D-Fructose; D(-)-Fructose; Fructose D-; D-Levulose; Levulose D; Fruit Sugar; Sugar (Fructose)				
0	57-48-7	16	C (6) H (12) O (6)	180.158
DGalactose D-Galactose; D(+)-Galactose; Galactose D				
0	59-23-4	11	C (6) H (12) O (6)	180.158
DGlucose				
0	---	22	C (6) H (12) O (6)	180.158
DMannitol D-Mannitol; Mannitol				
0	---	20	C (6) H (14) O (6)	182.174
DMannose D-Mannose; Seminose; Carubinose				
0	3458-28-4	16	C (6) H (12) O (6)	180.158
DRibose D-Ribose; D(-)-Ribose; Ribose D				
0	50-69-1	6	C (5) H (10) O (5)	150.131
DXylose D-Xylose; D(+)-Xylose; Xylose D				
0	58-86-6	4	C (5) H (10) O (5)	150.131

Dy+3 Dysprosium(III) ion				
3	22541-21-5	592	Dy (1)	162.500
Dy+3_H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Dy (1) N (2) O (11) S (2)	706.796
Dy+3_H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Dy (1) N (4) O (14) S (2)	934.836
e-1 Electron				
-1	---	3399	E (1)	0.000000
EDTA-4 Ethylenediaminetetraacetate anion				
-4	---	1457	C (10) H (12) N (2) O (8)	288.214
Er+3 Erbium(III) ion				
3	18472-30-5	620	Er (1)	167.260
Er+3_H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Er (1) N (2) O (11) S (2)	711.556
Er+3_H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Er (1) N (4) O (14) S (2)	939.596
Eu+3 Europium(III) ion				
3	22541-18-0	683	Eu (1)	151.960
Eu+3_H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Eu (1) N (2) O (11) S (2)	696.256
Eu+3_H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Eu (1) N (4) O (14) S (2)	924.296

F-1 Fluoride ion				
-1	16984-48-8	1090	F (1)	18.9984
F2 (g) Fluorine gas				
0	7782-41-4	259	F (2)	37.9968
Fe+2 Iron(II) ion; Ferrous ion				
2	15438-31-0	1769	Fe (1)	55.8452
Fe+2_AsO4-3				
-1	---	2	As (1) Fe (1) O (4)	194.765
Fe+2_H+1_AsO4-3				
0	---	2	As (1) Fe (1) H (1) O (4)	195.773
Fe+2_H+1 (2)_AsO4-3				
1	---	1	As (1) Fe (1) H (2) O (4)	196.781
Fe+2 (3)_AsO4-3 (2)_ (s) Iron(II) arsenate; Triiron diarsenate				
0	---	2	As (2) Fe (3) O (8)	445.375
Fe+3 Iron(III) ion; Ferric ion				
3	20074-52-6	2512	Fe (1)	55.8452
Fe+3_AsO4-3				
0	---	4	As (1) Fe (1) O (4)	194.765
Fe+3_AsO4-3_ (s) Iron(III) arsenate; Iron monoarsenate				
0	10102-49-5	2	As (1) Fe (1) O (4)	194.765
Fe+3_AsO4-3_H2O (2)_ (am. , s)				
0	---	2	As (1) Fe (1) H (4) O (6)	230.795

Fe+3_AsO4-3_H2O(2)_(s) Scorodite				
0	---	2	As (1) Fe (1) H (4) O (6)	230.795
Fe+3_AsO4-3(2)				
-3	---	1	As (2) Fe (1) O (8)	333.684
Fe+3_H+1_AsO4-3				
1	---	4	As (1) Fe (1) H (1) O (4)	195.773
Fe+3_H+1(2)_AsO3-3				
2	---	1	As (1) Fe (1) H (2) O (3)	180.781
Fe+3_H+1(2)_AsO4-3				
2	---	3	As (1) Fe (1) H (2) O (4)	196.781
Fe+3_OH-1(2)				
1	---	23	Fe (1) H (2) O (2)	89.8599
Fe+3(6)_OH-1(4)_SO4-2_AsO3-3(4)_H2O(4)_(s) Tooeleite				
0	---	2	As (4) Fe (6) H (12) O (24) S (1)	1062.90
Fe(s) Iron; Iron, cubic; Iron, bcc				
0	7439-89-6	184	Fe (1)	55.8452
FeAsS(s) Arsenopyrite				
0	---	1	As (1) Fe (1) S (1)	162.827
Ga+3 Gallium(III) ion				
3	22537-33-3	472	Ga (1)	69.7230
Ga+3_AsO4-3_(s) Gallium arsenate				
0	---	2	As (1) Ga (1) O (4)	208.643

Ga+3_H+1(2)_Arsenazo1-6				
-1	---	1	C(16)H(9)As(1)Ga(1)N(2)O(11)S(2)	614.019
Ga(s) Gallium				
0	7440-55-3	36	Ga(1)	69.7230
GaAs(s) Gallium arsenide				
0	---	1	As(1)Ga(1)	144.645
Galactitol Galactitol; Dulcitol				
0	608-66-2	6	C(6)H(14)O(6)	182.174
Gd+3 Gadolinium(III) ion				
3	22541-19-1	790	Gd(1)	157.253
Gd+3_H+1(2)_Arsenazo1-6				
-1	---	1	C(16)H(9)As(1)Gd(1)N(2)O(11)S(2)	701.549
Gd+3_H+1(4)_Arsenazo3-8				
-1	---	1	C(22)H(14)As(2)Gd(1)N(4)O(14)S(2)	929.589
Gd+3_H+1(5)_Arsenazo3-8				
0	---	1	C(22)H(15)As(2)Gd(1)N(4)O(14)S(2)	930.597
H+1 Hydrogen ion; Proton				
1	12408-02-5	31679	H(1)	1.00794
H+1_Arsenazo1-6				
-5	---	9	C(16)H(8)As(1)N(2)O(11)S(2)	543.288
H+1_Arsenazo3-8				
-7	---	2	C(22)H(11)As(2)N(4)O(14)S(2)	769.312

H+1_AsO2-1				
0	---	8	As (1) H (1) O (2)	107.929
H+1_AsO3-3 Biarsenite ion				
-2	---	5	As (1) H (1) O (3)	123.928
H+1_AsO3-3 (2)				
-5	---	1	As (2) H (1) O (6)	246.848
H+1_AsO3CH3-2				
-1	---	2	C (1) H (4) As (1) O (3)	138.963
H+1_AsO3CH3-2 (2)				
-3	---	2	C (2) H (7) As (2) O (6)	276.918
H+1_AsO4-3 Biarsenate ion; Hydrogenarsenate ion				
-2	16844-87-4	21	As (1) H (1) O (4)	139.928
H+1_Cacodylic-1 Cacodylic acid; Dimethylarsinic acid				
0	75-60-5	1	C (2) H (7) As (1) O (2)	137.998
H+1_Cat-2 o-Hydroxyphenoxide				
-1	---	26	C (6) H (5) O (2)	109.105
H+1_CDTA-4				
-3	---	39	C (14) H (19) N (2) O (8)	343.313
H+1_Citric-3				
-2	---	93	C (6) H (6) O (7)	190.109
H+1_DDC-1 Diethyldithiocarbamic acid; Dithiocarb; Diethylcarbamdithioic acid; DTC (Dithiocarb); DDC; DEDC; DDTc; DeDTC				
0	---	15	C (5) H (11) N (1) S (2)	149.269

H+1_Dithizone-1 Dithizone; Diphenylthiocarbazone; 1,5-Diphenyl-1,2,4,5-tetraazapent-1-en-3-thione; 1-Phenyl-4-(phenylimino)-3-thio-semicarbazide; 1,5-Diphenyl-3-formazathiol; Dithizon (no 'e')				
0	60-10-6	30	C (13) H (12) N (4) S (1)	256.325
H+1_EDTA-4				
-3	---	70	C (10) H (13) N (2) O (8)	289.222
H+1_K+1_AsO4-3				
-1	---	1	As (1) H (1) K (1) O (4)	179.026
H+1_MeArson-2				
-1	---	2	C (1) H (4) As (1) O (3)	138.963
H+1_Na+1_AsO4-3				
-1	---	1	As (1) H (1) Na (1) O (4)	162.918
H+1_NH3_AsO2-1				
0	---	1	As (1) H (4) N (1) O (2)	124.959
H+1_NTA-3				
-2	---	33	C (6) H (7) N (1) O (6)	189.125
H+1_S-2 Hydrogensulfide ion				
-1	---	140	H (1) S (1)	33.0679
H+1(-1)_Cacodylic-1				
-2	---	1	C (2) H (5) As (1) O (2)	135.983
H+1(10)_MoO4-2(5)_AsO4-3(2)				
-6	---	1	As (2) H (10) Mo (5) O (28)	1087.72
H+1(12)_MoO4-2(6)_AsO4-3(2)				
-6	---	1	As (2) H (12) Mo (6) O (32)	1249.69
H+1(13)_MoO4-2(6)_AsO4-3(2)				

-5	---	1	As (2) H (13) Mo (6) O (32)	1250.70
H+1 (14) _MoO4-2 (6) _AsO4-3 (2)				
-4	---	1	As (2) H (14) Mo (6) O (32)	1251.71
H+1 (15) _MoO4-2 (9) _AsO4-3				
-6	---	1	As (1) H (15) Mo (9) O (40)	1593.68
H+1 (16) _MoO4-2 (9) _AsO4-3				
-5	---	1	As (1) H (16) Mo (9) O (40)	1594.68
H+1 (17) _MoO4-2 (9) _AsO4-3				
-4	---	1	As (1) H (17) Mo (9) O (40)	1595.69
H+1 (18) _MoO4-2 (9) _AsO4-3				
-3	---	1	As (1) H (18) Mo (9) O (40)	1596.70
H+1 (2) _Arsenazo1-6				
-4	---	19	C (16) H (9) As (1) N (2) O (11) S (2)	544.296
H+1 (2) _Arsenazo3-8				
-6	---	3	C (22) H (12) As (2) N (4) O (14) S (2)	770.320
H+1 (2) _AsO3-3 Arsenite (sic)				
-1	---	9	As (1) H (2) O (3)	124.936
H+1 (2) _AsO3-3 (2)				
-4	---	1	As (2) H (2) O (6)	247.856
H+1 (2) _AsO4-3 Arsenate (sic); Dihydrogenarsenate ion				
-1	16518-47-1	17	As (1) H (2) O (4)	140.936
H+1 (2) _AsO4-3 (2)				
-4	---	4	As (2) H (2) O (8)	279.855

H+1(2)_Cat-2 Pyrocatechol; Catechol; 1,2-Benzenediol; 1,2-Dihydroxybenzene; CAT				
0	120-80-9	49	C(6)H(6)O(2)	110.112
H+1(2)_K+1_AsO4-3				
0	---	1	As(1)H(2)K(1)O(4)	180.034
H+1(2)_K+1_AsO4-3_(s) Potassium dihydrogen arsenate				
0	---	2	As(1)H(2)K(1)O(4)	180.034
H+1(2)_MeArson-2 Methylarsonic acid				
0	---	1	C(1)H(5)As(1)O(3)	139.971
H+1(2)_Na+1_AsO3-3				
0	---	1	As(1)H(2)Na(1)O(3)	147.926
H+1(2)_Na+1_AsO4-3				
0	---	1	As(1)H(2)Na(1)O(4)	163.926
H+1(2)_S-2 Hydrogen sulphide; Hydrogen sulfide				
0	---	58	H(2)S(1)	34.0759
H+1(2)_Tiron-4				
-2	---	27	C(6)H(4)O(8)S(2)	268.213
H+1(3)_Arsenazo1-6				
-3	---	3	C(16)H(10)As(1)N(2)O(11)S(2)	545.304
H+1(3)_Arsenazo3-8				
-5	---	3	C(22)H(13)As(2)N(4)O(14)S(2)	771.328
H+1(3)_AsO3-3 Arsenous acid				
0	---	16	As(1)H(3)O(3)	125.944

H+1 (3) _AsO4-3 Arsenic acid				
0	7778-39-4	16	As (1) H (3) O (4)	141.943
H+1 (3) _NH3 _AsO3-3				
0	---	1	As (1) H (6) N (1) O (3)	142.975
H+1 (3) _NH3 _AsO4-3				
0	---	1	As (1) H (6) N (1) O (4)	158.974
H+1 (3) _NH3 (3) _AsO4-3				
0	---	1	As (1) H (12) N (3) O (4)	193.035
H+1 (4) _Arsenazo1-6				
-2	---	5	C (16) H (11) As (1) N (2) O (11) S (2)	546.312
H+1 (4) _Arsenazo3-8				
-4	---	20	C (22) H (14) As (2) N (4) O (14) S (2)	772.336
H+1 (4) _AsO3-3				
1	---	2	As (1) H (4) O (3)	126.952
H+1 (5) _Arsenazo1-6				
-1	---	4	C (16) H (12) As (1) N (2) O (11) S (2)	547.320
H+1 (5) _Arsenazo3-8				
-3	---	5	C (22) H (15) As (2) N (4) O (14) S (2)	773.344
H+1 (5) _AsO3-3 (2)				
-1	---	3	As (2) H (5) O (6)	250.880
H+1 (6) _Arsenazo1-6				
0	---	1	C (16) H (13) As (1) N (2) O (11) S (2)	548.328
H+1 (6) _Arsenazo3-8				
-2	---	5	C (22) H (16) As (2) N (4) O (14) S (2)	774.351

H+1 (6) _AsO3-3 (2)				
0	---	3	As (2) H (6) O (6)	251.888
H+1 (7) _Arsenazo3-8				
-1	---	2	C (22) H (17) As (2) N (4) O (14) S (2)	775.359
H+1 (8) _Arsenazo3-8 3,6-Bis[(2-arsonophenyl)azo]-4,5-dihydroxy-2,7-naphthalenedisulfonic acid; 2,2'-[1,8-Dihydroxy-3,6-disulfo-2,7-naphthalene-bis(azo)dibenzene-arsonic acid				
0	1668-00-4	1	C (22) H (18) As (2) N (4) O (14) S (2)	776.367
H2 (g) Hydrogen gas; Hydrogen				
0	1333-74-0	1564	H (2)	2.01588
H2O Water				
0	7732-18-5	5947	H (2) O (1)	18.0153
Hg+2 Mercury(II) ion; Mercuric ion				
2	14302-87-5	1203	Hg (1)	200.592
Hg+2 _Cl-1 (2)				
0	---	40	Cl (2) Hg (1)	271.498
Hg+2 _Triphenylarsine				
2	---	1	C (18) H (15) As (1) Hg (1)	506.831
Hg+2 _Triphenylarsine _Cl-1				
1	---	2	C (18) H (15) As (1) Cl (1) Hg (1)	542.284
Hg+2 _Triphenylarsine (2)				
2	---	2	C (36) H (30) As (2) Hg (1)	813.070
Hg+2 (3) _AsO4-3 (2) _ (s) Trimercury diarsenate				
0	---	1	As (2) Hg (3) O (8)	879.615

Hg (1) Mercury; Quicksilver				
0	7439-97-6	160	Hg (1)	200.592
Ho+3 Holmium(III) ion				
3	22541-22-6	537	Ho (1)	164.930
Ho+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Ho (1) N (2) O (11) S (2)	709.226
Ho+3_H+1 (4)_Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Ho (1) N (4) O (14) S (2)	937.266
I-1 Iodide ion				
-1	20461-54-5	894	I (1)	126.900
I2 (s) Iodine; Iodine, orthorhombic				
0	7553-56-2	244	I (2)	253.800
In+3 Indium(III) ion				
3	22537-49-1	523	In (1)	114.820
In+3_AsO4-3_(s) Indium arsenate				
0	---	1	As (1) In (1) O (4)	253.740
In+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) In (1) N (2) O (11) S (2)	659.116
In (s) Indium				
0	7440-74-6	41	In (1)	114.820
InAs (s) Indium arsenide				

0	---	1	As (1) In (1)	189.742
K+1 Potassium(I) ion				
1	24203-36-9	462	K (1)	39.0980
K+1_AsF6-1				
0	---	1	As (1) F (6) K (1)	228.010
K+1_AsO4-3				
-2	---	1	As (1) K (1) O (4)	178.018
K+1 (3)_AsO4-3_(s) Potassium arsenate				
0	---	2	As (1) K (3) O (4)	256.214
K(s) Potassium; Potassium, cubic				
0	7440-09-7	121	K (1)	39.0980
La+3 Lanthanum(III) ion				
3	16096-89-2	882	La (1)	138.910
La+3_AsO4-3_(s) Lanthanum arsenate				
0	---	2	As (1) La (1) O (4)	277.830
La+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) La (1) N (2) O (11) S (2)	683.206
La+3_H+1 (4)_Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) La (1) N (4) O (14) S (2)	911.246
La(s) Lanthanum				
0	7439-91-0	23	La (1)	138.910
LArabinose L-Arabinose; L(+)-Arabinose; Arabinose L(+)				

0	87-72-9	4	C (5) H (10) O (5)	150.131
Li+1 Lithium(I) ion				
1	17341-24-1	246	Li (1)	6.94100
Li+1 (3) _AsO4-3_ (s) Lithium arsenate				
0	---	2	As (1) Li (3) O (4)	159.743
Li (s) Lithium; Lithium, cubic				
0	7439-93-2	62	Li (1)	6.94100
LRhamnose L-Rhamnose; L-Mannomethylose; Isodulcitol; alpha-6-Deoxy-L(+)-mannose; 6-Deoxymannose				
0	3615-41-6	8	C (6) H (12) O (5)	164.158
LSorbose L-Sorbose; L(-)-Sorbose; Sorbose L				
0	87-79-6	7	C (6) H (12) O (6)	180.158
Lu+3 Lutetium(III) ion				
3	22541-24-8	493	Lu (1)	174.970
Lu+3 _H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) Lu (1) N (2) O (11) S (2)	719.266
Lu+3 _H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) Lu (1) N (4) O (14) S (2)	947.306
MeArson-2				
-2	---	2	C (1) H (3) As (1) O (3)	137.955
Mg+2 Magnesium(II) ion				
2	22537-22-0	2035	Mg (1)	24.3050
Mg+2 _Arsenazo1-6				

-4	---	1	C (16) H (7) As (1) Mg (1) N (2) O (11) S (2)	566.585
Mg+2 _AsO4-3				
-1	---	2	As (1) Mg (1) O (4)	163.225
Mg+2 _H+1 _Arsenazo1-6				
-3	---	1	C (16) H (8) As (1) Mg (1) N (2) O (11) S (2)	567.593
Mg+2 _H+1 _AsO4-3				
0	---	2	As (1) H (1) Mg (1) O (4)	164.233
Mg+2 _H+1 _AsO4-3 _H2O(7) _ (s)				
0	---	2	As (1) H (15) Mg (1) O (11)	290.340
Mg+2 _H+1 (2) _AsO3-3				
1	---	1	As (1) H (2) Mg (1) O (3)	149.241
Mg+2 _H+1 (2) _AsO4-3				
1	---	2	As (1) H (2) Mg (1) O (4)	165.241
Mg+2 (3) _AsO4-3 (2) _ (s) Magnesium arsenate				
0	21480-65-9	3	As (2) Mg (3) O (8)	350.754
Mg+2 (3) _AsO4-3 (2) _H2O(10) _ (s)				
0	---	2	As (2) H (20) Mg (3) O (18)	530.907
Mg (s) Magnesium; Magnesium, hexagonal				
0	7439-95-4	154	Mg (1)	24.3050
Mn+2 Manganese(II) ion; Manganous ion				
2	16397-91-4	1956	Mn (1)	54.9380
Mn+2 _AsO4-3				
-1	---	2	As (1) Mn (1) O (4)	193.858

Mn+2_H+1_AsO4-3				
0	---	2	As (1) H (1) Mn (1) O (4)	194.866
Mn+2_H+1 (2)_AsO4-3				
1	---	1	As (1) H (2) Mn (1) O (4)	195.874
Mn+2 (3)_AsO4-3 (2)_ (s) Manganese arsenate				
0	61136-68-3	2	As (2) Mn (3) O (8)	442.653
Mn (s) Manganese; Manganese, alpha; Manganese, complex bcc				
0	7439-96-5	72	Mn (1)	54.9380
MnAs (s) Manganese arsenide				
0	---	1	As (1) Mn (1)	129.860
MnO4-1 Permanganate ion				
-1	14333-13-2	20	Mn (1) O (4)	118.936
Mo+3_AsO4-3 (s) Molybdenum arsenate				
0	---	1	As (1) Mo (1) O (4)	234.882
Mo (s) Molybdenum; Molybdenum, bcc				
0	7439-98-7	34	Mo (1)	95.9620
MoO4-2 Molybdate (VI) ion				
-2	14259-85-9	281	Mo (1) O (4)	159.960
N2 (g) Nitrogen gas; Nitrogen				
0	7727-37-9	566	N (2)	28.0134
Na+1 Sodium (I) ion				

1	17341-25-2	617	Na (1)	22.9900
Na+1_AsO4-3				
-2	---	1	As (1) Na (1) O (4)	161.910
Na+1 (3)_AsO4-3_ (s) Sodium arsenate				
0	---	2	As (1) Na (3) O (4)	207.890
Na (s) Sodium; Sodium, cubic				
0	7440-23-5	209	Na (1)	22.9900
Na3As (s) Trisodium arsenide				
0	---	1	As (3) Na (1)	247.756
Nd+3 Neodymium(III) ion				
3	14913-52-1	800	Nd (1)	144.240
Nd+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) N (2) Nd (1) O (11) S (2)	688.536
Nd+3_H+1 (4)_Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) N (4) Nd (1) O (14) S (2)	916.576
Ni+2 Nickel(II) ion				
2	14701-22-5	5108	Ni (1)	58.6930
Ni+2_AsO4-3				
-1	---	2	As (1) Ni (1) O (4)	197.613
Ni+2_H+1_AsO4-3				
0	---	3	As (1) H (1) Ni (1) O (4)	198.621
Ni+2_H+1_AsO4-3_H2O(2)_ (s)				
0	---	2	As (1) H (5) Ni (1) O (6)	234.651

Ni+2_H+1(2)_AsO4-3				
1	---	1	As(1)H(2)Ni(1)O(4)	199.629
Ni+2(3)_AsO4-3(2)_(s) Nickel arsenate				
0	13477-70-8	2	As(2)Ni(3)O(8)	453.918
Ni+2(3)_AsO4-3(2)_H2O(8)_(s)				
0	---	3	As(2)H(16)Ni(3)O(16)	598.041
Ni(s) Nickel; Nickel, fcc				
0	7440-02-0	148	Ni(1)	58.6930
Ni11As8(s)				
0	---	1	As(8)Ni(11)	1245.00
Ni5As2(s)				
0	---	1	As(2)Ni(5)	443.309
NiAs(s) Niccolite; Nickel arsenic amalgam				
0	---	1	As(1)Ni(1)	133.615
NiAs2(s)				
0	---	1	As(2)Ni(1)	208.537
NTA-3 Nitrilotriacetate ion; N,N-bis(carboxymethyl)glycinate ion; Triglycollamate ion; Triglycinate ion; NTA ion				
-3	28528-44-1	751	C(6)H(6)N(1)O(6)	188.117
O2(g) Oxygen gas; Oxygen				
0	7782-44-7	2559	O(2)	31.9988
OH-1 Hydroxide ion				
-1	14280-30-9	6558	H(1)O(1)	17.0073

Pb+2 Lead(II) ion				
2	14280-50-3	2437	Pb (1)	207.200
Pb+2 _AsO4-3				
-1	---	2	As (1) O (4) Pb (1)	346.120
Pb+2 _H+1 _AsO4-3				
0	---	2	As (1) H (1) O (4) Pb (1)	347.128
Pb+2 _H+1 (2) _AsO3-3				
1	---	1	As (1) H (2) O (3) Pb (1)	332.136
Pb+2 _H+1 (2) _AsO4-3				
1	---	1	As (1) H (2) O (4) Pb (1)	348.136
Pb+2 (3) _AsO4-3 (2) _ (s) Lead arsenate				
0	3687-31-8	2	As (2) O (8) Pb (3)	899.439
Pb (s) Lead; Lead, cubic				
0	7439-92-1	127	Pb (1)	207.200
Ph4As+1 Tetraphenylarsonium ion; Tetra(phenyl)arsanium ion; Tetraphenylarsenic ion; Tetraphenylarsanium ion				
1	15912-80-8	7	C (24) H (20) As (1)	383.345
Ph4As+1 _ClO4-1 _ (s)				
0	---	1	C (24) H (20) As (1) Cl (1) O (4)	482.795
Ph4As+1 _MnO4-1 _ (s)				
0	---	1	C (24) H (20) As (1) Mn (1) O (4)	502.280
Ph4As+1 _Ph4B-1 _ (s)				
0	---	1	C (48) H (40) As (1) B (1)	702.578

Ph4As+1_ReO4-1_(s)				
0	---	1	C (24) H (20) As (1) O (4) Re (1)	633.552
Ph4As+1 (2)_Cr2O7-2_(s)				
0	---	1	C (48) H (40) As (2) Cr (2) O (7)	982.677
Ph4B-1 Tetraphenylborate anion; Tetraphenylboranuide ion				
-1	4358-26-3	3	C (24) H (20) B (1)	319.233
Pr+3 Praseodymium(III) ion				
3	22541-14-6	722	Pr (1)	140.910
Pr+3_H+1 (2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) N (2) O (11) Pr (1) S (2)	685.206
Pr+3_H+1 (4)_Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) N (4) O (14) Pr (1) S (2)	913.246
Pt+2_AsAsAsTriEtBu3enylAs+1_Cl-1 (3)				
0	---	1	C (10) H (22) As (1) Cl (3) Pt (1)	518.646
Pt+2_Cl-1 (4)				
-2	---	11	Cl (4) Pt (1)	336.892
Rb+1 Rubidium(I) ion				
1	22537-38-8	125	Rb (1)	85.4680
Rb+1 (3)_AsO4-3_(s) Rubidium arsenate				
0	---	2	As (1) O (4) Rb (3)	395.324
Rb (s) Rubidium; Rubidium, cubic				
0	7440-17-7	29	Rb (1)	85.4680

Re+3_AsO4-3_(s) Rhenium arsenate				
0	---	1	As (1) O (4) Re (1)	325.130
Re (s) Rhenium				
0	7440-15-5	17	Re (1)	186.210
Re3As7 (s) Trirhenium heptaarsenide				
0	---	1	As (7) Re (3)	1083.08
ReO4-1 Rhenate ion				
-1	---	8	O (4) Re (1)	250.208
S-2 Sulfide ion; Sulphide ion				
-2	14127-58-3	466	S (1)	32.0600
S (s) Sulphur, alpha; Sulphur, orthorhombic; Sulphur; Sulfur, alpha; Sulfur, orthorhombic; Sulfur; Sulfur-Rhmb				
0	7704-34-9	619	S (1)	32.0600
Sc+3 Scandium(III) ion				
3	22537-29-7	196	Sc (1)	44.9560
Sc+3_AsO4-3_(s) Scandium arsenate				
0	---	2	As (1) O (4) Sc (1)	183.876
Sc (s) Scandium				
0	7440-20-2	16	Sc (1)	44.9560
Se (s) Selenium, trigonal; Selenium, grey; Selenium, black; Selenium, gamma; Selenium, hexagonal (sic)				
0	7782-49-2	140	Se (1)	78.9630

Sm+3 Samarium(III) ion				
3	22541-17-9	732	Sm(1)	150.362
Sm+3_H+1(2)_Arsenazo1-6				
-1	---	1	C(16)H(9)As(1)N(2)O(11)S(2)Sm(1)	694.658
Sm+3_H+1(4)_Arsenazo3-8				
-1	---	1	C(22)H(14)As(2)N(4)O(14)S(2)Sm(1)	922.698
Sn+2(3)_AsO4-3(2) Tin(II) arsenate; Tritin arsenate				
0	---	1	As(2)O(8)Sn(3)	633.969
Sn(s) Tin; Tin, white; Tin, tetragonal; Tin, beta				
0	7440-31-5	87	Sn(1)	118.710
SnAs(s) Tin arsenic solid				
0	---	1	As(1)Sn(1)	193.632
SO4-2 Sulfate ion; Sulphate ion				
-2	14808-79-8	1270	O(4)S(1)	96.0576
Sr+2 Strontium(II) ion				
2	22537-39-9	693	Sr(1)	87.6200
Sr+2_Arsenazo1-6				
-4	---	1	C(16)H(7)As(1)N(2)O(11)S(2)Sr(1)	629.900
Sr+2_AsO4-3				
-1	---	2	As(1)O(4)Sr(1)	226.540
Sr+2_H+1_Arsenazo1-6				
-3	---	1	C(16)H(8)As(1)N(2)O(11)S(2)Sr(1)	630.908

Sr+2_H+1_AsO4-3				
0	---	2	As (1) H (1) O (4) Sr (1)	227.548
Sr+2_H+1_AsO4-3_H2O_(s)				
0	---	2	As (1) H (3) O (5) Sr (1)	245.563
Sr+2_H+1(2)_AsO3-3				
1	---	1	As (1) H (2) O (3) Sr (1)	212.556
Sr+2_H+1(2)_AsO4-3				
1	---	2	As (1) H (2) O (4) Sr (1)	228.556
Sr+2_H+1(4)_AsO4-3(2)_(s)				
0	65272-05-1	2	As (2) H (4) O (8) Sr (1)	369.491
Sr+2(3)_AsO4-3(2)_(s) Strontium arsenate				
0	13464-68-1	2	As (2) O (8) Sr (3)	540.699
Sr+2(3)_AsO4-3(2)_H2O(2)_(s)				
0	---	2	As (2) H (4) O (10) Sr (3)	576.730
Sr(s) Strontium; Strontium, cubic; Strontium, alpha				
0	7440-24-6	55	Sr (1)	87.6200
Tartaric-2 Tartrate ion				
-2	---	393	C (4) H (4) O (6)	148.072
Tb+3 Terbium(III) ion				
3	22541-20-4	549	Tb (1)	158.930
Tb+3_H+1(2)_Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) N (2) O (11) S (2) Tb (1)	703.226
Tb+3_H+1(4)_Arsenazo3-8				

-1	---	1	C (22) H (14) As (2) N (4) O (14) S (2) Tb (1)	931.266
Te (s) Tellurium; Tellurium, hexagonal				
0	13494-80-9	71	Te (1)	127.603
Th+4 Thorium(IV) ion				
4	16065-92-2	659	Th (1)	232.040
Th+4_Arsenazol-6				
-2	---	2	C (16) H (7) As (1) N (2) O (11) S (2) Th (1)	774.320
Th+4_H+1_Arsenazol-6				
-1	---	2	C (16) H (8) As (1) N (2) O (11) S (2) Th (1)	775.328
Th+4_OH-1_Arsenazol-6				
-3	---	2	C (16) H (8) As (1) N (2) O (12) S (2) Th (1)	791.328
Th+4_OH-1 (2)_Arsenazol-6				
-4	---	1	C (16) H (9) As (1) N (2) O (13) S (2) Th (1)	808.335
Ti+2 (3)_AsO4-3 (2)_ (s) Titanium(II) arsenate; Trititanium diarsenate				
0	---	1	As (2) O (8) Ti (3)	421.440
Ti (s) Titanium; Titanium, hexagonal; Titanium, alpha				
0	7440-32-6	80	Ti (1)	47.8670
Tl+3_AsO4-3_ (s) Thallium arsenate				
0	---	1	As (1) O (4) Tl (1)	343.303
Tl (s) Thallium				
0	7440-28-0	76	Tl (1)	204.383
Tm+3 Thulium(III) ion				

3	22541-23-7	441	Tm(1)	168.930
Tm+3_H+1(2)_Arsenazo1-6				
-1	---	1	C(16)H(9)As(1)N(2)O(11)S(2)Tm(1)	713.226
Tm+3_H+1(4)_Arsenazo3-8				
-1	---	1	C(22)H(14)As(2)N(4)O(14)S(2)Tm(1)	941.266
Triphenylarsine Triphenylarsine				
0	603-32-7	11	C(18)H(15)As(1)	306.239
U(s) Uranium; Uranium, orthorhombic; Uranium, alpha				
0	7440-61-1	263	U(1)	238.029
UO2+2 Uranyl ion; U(VI) cation; Uranate				
2	16637-16-4	1268	O(2)U(1)	270.028
UO2+2_H+1_AsO4-3				
0	---	1	As(1)H(1)O(6)U(1)	409.955
UO2+2_H+1(12)_Arsenazo3-8(2)				
-2	---	1	C(44)H(32)As(4)N(8)O(30)S(4)U(1)	1818.73
UO2+2_H+1(2)_AsO4-3				
1	---	1	As(1)H(2)O(6)U(1)	410.963
UO2+2_H+1(3)_AsO4-3				
2	---	1	As(1)H(3)O(6)U(1)	411.971
UO2+2_H+1(6)_Arsenazo3-8				
0	---	1	C(22)H(16)As(2)N(4)O(16)S(2)U(1)	1044.38
UO2+2(2)_As2O7-4(s)				
0	---	1	As(2)O(11)U(2)	801.895

UO₂+2 (3) _AsO₄-3 (2) _ (s)				
0	---	2	As (2) O (14) U (3)	1087.92
UO₂+2 (3) _AsO₄-3 (2) _H₂O (12) _ (s)				
0	---	1	As (2) H (24) O (26) U (3)	1304.11
Y+3 Yttrium(III) ion				
3	22537-40-2	495	Y (1)	88.9060
Y+3 _AsO₄-3 _ (s) Yttrium arsenate				
0	---	2	As (1) O (4) Y (1)	227.826
Y+3 _H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) N (2) O (11) S (2) Y (1)	633.202
Y+3 _H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) N (4) O (14) S (2) Y (1)	861.242
Y+3 (2) _H+1 (8) _Arsenazo3-8 (2)				
-2	---	1	C (44) H (28) As (4) N (8) O (28) S (4) Y (2)	1722.48
Y (s) Yttrium				
0	7440-65-5	15	Y (1)	88.9060
Yb+3 Ytterbium(III) ion				
3	18923-27-8	594	Yb (1)	173.050
Yb+3 _H+1 (2) _Arsenazo1-6				
-1	---	1	C (16) H (9) As (1) N (2) O (11) S (2) Yb (1)	717.346
Yb+3 _H+1 (4) _Arsenazo3-8				
-1	---	1	C (22) H (14) As (2) N (4) O (14) S (2) Yb (1)	945.386

Zn+2 Zinc(II) ion				
2	23713-49-7	4977	Zn (1)	65.3820
Zn+2 _AsO4-3				
-1	---	2	As (1) O (4) Zn (1)	204.302
Zn+2 _Cl-1 (4)				
-2	---	5	Cl (4) Zn (1)	207.194
Zn+2 _H+1 _Arsenazo1-6				
-3	---	1	C (16) H (8) As (1) N (2) O (11) S (2) Zn (1)	608.670
Zn+2 _H+1 _AsO4-3				
0	---	2	As (1) H (1) O (4) Zn (1)	205.310
Zn+2 _H+1 _AsO4-3 _H2O_ (s)				
0	---	2	As (1) H (3) O (5) Zn (1)	223.325
Zn+2 _H+1 (2) _AsO4-3				
1	---	1	As (1) H (2) O (4) Zn (1)	206.318
Zn+2 _Ph4As+1 (2) _Cl-1 (4) _ (s)				
0	---	1	C (48) H (40) As (2) Cl (4) Zn (1)	973.884
Zn+2 (2) _OH-1 _AsO4-3 _ (s) Zinc arsenate hydroxide				
0	16340-83-3	2	As (1) H (1) O (5) Zn (2)	286.691
Zn+2 (3) _AsO4-3 (2) _ (s) Zinc arsenate				
0	13464-44-3	2	As (2) O (8) Zn (3)	473.985
Zn+2 (3) _AsO4-3 (2) _H2O (8) _ (s) Zinc arsenate octahydrate				
0	---	2	As (2) H (16) O (16) Zn (3)	618.107
Zn+2 (5) _H+1 (2) _AsO4-3 (4) _H2O (6) _ (s)				

0	---	1	As (4) H (14) O (22) Zn (5)	992.696
Zn (s) Zinc; Zinc, hexagonal				
0	7440-66-6	131	Zn (1)	65.3820
Zn₃As₂ (s) Zinc arsenide				
0	---	1	As (2) Zn (3)	345.990
Zr (HAsO₄)₂ · H₂O (s) Zirconium hydrogen arsenate monohydrate				
0	---	1	As (2) H (4) O (9) Zr (1)	389.112
Zr (HAsO₄)₂ (a., s) Zirconium dihydrogenarsenate, alpha				
0	---	1	As (2) H (2) O (8) Zr (1)	371.097
Zr (HAsO₄)₂ (b., s) Zirconium dihydrogenaresenate, beta				
0	---	1	As (2) H (2) O (8) Zr (1)	371.097
Zr (s) Zirconium; Zirconium, gray-white hcp; Zirconium, alpha				
0	7440-67-7	111	Zr (1)	91.2420