

PERIODIC TABLE OF CHEMICAL ELEMENTS

Appendix I

	I	II	III	IV	V	VI	VII	VIII		
1	H Hydrogen 1 1.0079						(H)			He Helium 2 4.0026
2	Li Lithium 3 6.94	Be Beryllium 4 9.012	B Boron 5 10.81	C Carbon 6 12.011	N Nitrogen 7 14.0067	O Oxygen 8 15.999	F Fluorine 9 18.998			Ne Neon 10 20.179
3	Na Sodium 11 22.99	Mg Magnesium 12 24.305	Al Aluminum 13 26.98	Si Silicon 14 28.085	P Phosphorus 15 30.974	S Sulfur 16 32.06	Cl Chlorine 17 35.453			Ar Argon 18 39.948
4	K Potassium 19 39.098	Ca Calcium 20 40.08	Sc Scandium 21 44.956	Ti Titanium 22 47.90	V Vanadium 23 50.94	Cr Chromium 24 51.996	Mn Manganese 25 54.938	Fe Iron 26 55.847	Co Cobalt 27 58.933	Ni Nickel 28 58.70
	Cu Copper 29 63.54	Zn Zinc 30 65.38	Ga Gallium 31 69.72	Ge Germanium 32 72.59	As Arsenic 33 74.92	Se Selenium 34 78.96	Br Bromine 35 79.904			Kr Krypton 36 83.80
5	Rb Rubidium 37 85.47	Sr Strontium 38 87.62	Y Yttrium 39 88.91	Zr Zirconium 40 91.22	Nb Niobium 41 92.906	Mo Molybdenum 42 95.94	Tc Technetium 43 98.906	Ru Ruthenium 44 101.07	Rh Rhodium 45 102.9	Pd Palladium 46 106.4
	Ag Silver 47 107.87	Cd Cadmium 48 112.41	In Indium 49 114.82	Sn Tin 50 118.69	Sb Antimony 51 121.75	Te Tellurium 52 127.6	I Iodine 53 126.90			Xe Xenon 54 131.3
6	Cs Cesium 55 132.905	Ba Barium 56 137.33	La-Lu	Hf Hafnium 72 178.49	Ta Tantalum 73 180.95	W Tungsten 74 183.8	Re Rhenium 75 186.21	Os Osmium 76 190.2	Ir Iridium 77 199.2	Pt Platinum 78 195.1
	Au Gold 79 196.97	Hg Mercury 80 200.5	Tl Thallium 81 204.3	Pb Lead 82 207.2	Bi Bismuth 83 208.98	Po Polonium 84 [209]	At Astatine 85 [210]			Rn Radon 86 [222]
7	Fr Francium 87 [223]	Ra Radium 88 226.03	Ac-(Lr)	Rf Rutherfordium 104 [261]	Db Dubnium 105 [262]	Sg Seaborgium 106 [266]	Bh Bohrium 107 [264]	Hs Hassium 108 [277]	Mt Meitnerium 109 [268]	

Lanthanides	La 57 Lanthanum 138.905	Ce 58 Cerium 140.12	Pr 59 Praseodymium 140.9077	Nd 60 Neodymium 144.24	Pm 61 Promethium [145]	Sm 62 Samarium 150.4	Eu 63 Europium 151.96
Gd 64 Gadolinium 157.2	Tb 65 Terbium 158.93	Dy 66 Dysprosium 162.50	Ho 67 Holmium 164.93	Er 68 Erbium 167.26	Tm 69 Thulium 168.93	Yb 70 Ytterbium 173.04	Lu 71 Lutetium 174.967
Actinides	Ac 89 Actinium [227]	Th 90 Thorium 232.038	Pa 91 Protactinium 231.036	U 92 Uranium 238.029	Np 93 Neptunium 237.048	Pu 94 Plutonium [244]	Am 95 Americium [243]
Cm 96 Curium [247]	Bk 97 Berkelium [247]	Cf 98 Californium [251]	Es 99 Einsteinium [254]	Fm 100 Fermium [257]	Md 101 Mendelevium [258]	No 102 Nobelium [255]	Lr 103 Lawrencium [256]