

1 H Hydrogen 1.008																	2 He Helium 4.0026				
3 Li Lithium 6.9400	4 Be Beryllium 9.012															5 B Boron 10.810	6 C Carbon 12.011	7 N Nitrogen 14.007	8 O Oxygen 15.999	9 F Fluorine 18.998	10 Ne Neon 20.180
11 Na Sodium 22.990	12 Mg Magnesium 24.305															13 Al Aluminium 26.982	14 Si Silicon 28.085	15 P Phosphorus 30.974	16 S Sulfur 32.060	17 Cl Chlorine 35.45	18 Ar Argon 39.948
19 K Potassium 39.098	20 Ca Calcium 40.078	21 Sc Scandium 44.956	22 Ti Titanium 47.867	22 V Vanadium 47.867	24 Cr Cromium 51.996	25 Mn Manganese 54.938	26 Fe Iron 55.845	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.546	30 Zn Zinc 65.380	31 Ga Gallium 69.723	32 Ge Germanium 72.630	33 As Arsenic 74.922	34 Se Selenium 78.971	35 Br Bromine 79.904	36 Kr Krypton 83.798				
37 Rb Rubidium 85.468	38 Sr Strontium 87.620	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	40 Nb Niobium 91.224	42 Mo Molybdenum 95.950	43 Tc Technetium	44 Ru Rutherfordium 101.070	45 Rh Rhodium 102.910	46 Pd Palladium 106.42	47 Ag Silver 107.87	48 Cd Cadmium 112.410	49 In Indium 114.820	50 Sn Tin 118.71	51 Sb Antimony 121.76	52 Te Tellurium 127.600	53 I Iodine 126.90	54 Xe Xenon 131.29				
55 Cs Caesium 132.91	56 Ba Barium 137.33		72 Hf Hafnium 178.49	72 Ta Tantalum 178.49	74 W Tungsten 183.840	75 Re Rhenium 186.210	76 Os Osmium 190.230	77 Ir Iridium 192.220	78 Pt Platinum 195.08	79 Au Gold 196.97	80 Hg Mercury 200.590	81 Tl Thallium 204.38	82 Pb Lead 207.200	83 Bi Bismuth 208.980	84 Po Polonium	85 At Astatine	86 Rn Radon				
87 Fr Francium	88 Ra Radium		104 Rf Rutherfordium	104 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium														

57 La Lantharium 138.91	58 Ce Cerium 140.12	59 Pr Praseodymium 140.91	60 Nd Neodymium 144.24	61 Pm Promethium	62 Sm Samarium 150.36	63 Eu Europium 151.96	64 Gd Gadolinium 157.25	65 Tb Terbium 158.93	66 Dy Dysprosium 162.50	67 Ho Holmium 164.93	68 Er Erbium 167.26	69 Tm Thulium 168.93	70 Yb Ytterbium 173.05	71 Lu Lutetium 174.97
89 Ac Actinium	90 Th Thorium 232.04	91 Pa Protactinium 231.04	92 U Uranium 238.03	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium