

Annexes

6.1 Table de la classification périodique des éléments

Classification périodique La table de la classification périodique des éléments est donnée sur la table 6.1.

Traduction du nom des éléments Les éléments des trois premières lignes se traduisent ainsi :

Français	Anglais
Hydrogène	Hydrogen
Hélium	Helium
Lithium	Lithium
Béryllium	Beryllium
Bore	Boron
Carbone	Carbon
Azote	Nitrogen
Oxygène	Oxygen
Fluor	Fluorine
Néon	Neon
Sodium	Sodium
Magnésium	Magnesium
Aluminium	Aluminum
Silicium	Silicon
Phosphore	Phosphorus
Souffre	Sulfur
Chlore	Chlorine
Argon	Argon
Fer	Iron
Cuivre	Copper
Brome	Bromine
Argent	Silver
Étain	Tin
Platine	Platinum
Or	Gold
Mercure	Mercury
Plomb	Lead

Table 6.1 – Traduction français anglais du nom de quelques éléments

IUPAC Periodic Table of the Elements

1		2		13										14										15										16										17										18																																			
1 H hydrogen 1.00794(7)	2 He helium 4.002602	3 Li lithium 6.941	4 Be beryllium 9.0122	5 B boron 10.811	6 C carbon 12.011	7 N nitrogen 14.00644	8 O oxygen 15.999	9 F fluorine 18.9984032	10 Ne neon 20.1797	11 Na sodium 22.98976928	12 Mg magnesium 24.304	13 Al aluminium 26.9815386	14 Si silicon 28.0855	15 P phosphorus 30.973762	16 S sulfur 32.06	17 Cl chlorine 35.45	18 Ar argon 39.948	19 K potassium 39.0983	20 Ca calcium 40.078(4)	21 Sc scandium 44.955912	22 Ti titanium 47.867	23 V vanadium 50.9415	24 Cr chromium 51.9961	25 Mn manganese 54.938044	26 Fe iron 55.845(2)	27 Co cobalt 58.933195	28 Ni nickel 58.6934	29 Cu copper 63.546(3)	30 Zn zinc 65.38(2)	31 Ga gallium 68.723	32 Ge germanium 72.630(8)	33 As arsenic 74.9216	34 Se selenium 78.9718(8)	35 Br bromine 79.904	36 Kr krypton 83.798(2)	37 Rb rubidium 85.468	38 Sr strontium 87.62	39 Y yttrium 88.9062	40 Zr zirconium 91.224(2)	41 Nb niobium 92.90638	42 Mo molybdenum 95.94	43 Tc technetium	44 Ru ruthenium 101.07(2)	45 Rh rhodium 102.91	46 Pd palladium 106.42	47 Ag silver 107.87	48 Cd cadmium 112.411	49 In indium 114.82	50 Sn tin 118.710	51 Sb antimony 121.76	52 Te tellurium 127.603	53 I iodine 126.905	54 Xe xenon 131.29	55 Cs caesium 132.91	56 Ba barium 137.33	57-71 lanthanoids	72 Hf hafnium 178.49(2)	73 Ta tantalum 180.95	74 W tungsten 183.84	75 Re rhenium 186.21	76 Os osmium 190.23(2)	77 Ir iridium 192.22	78 Pt platinum 195.08	79 Au gold 196.97	80 Hg mercury 200.59	81 Tl thallium 204.38	82 Pb lead 207.2	83 Bi bismuth 208.98	84 Po polonium	85 At astatine	86 Rn radon	87 Fr francium	88 Ra radium	89-103 actinoids	104 Rf rutherfordium	105 Db dubnium	106 Sg seaborgium	107 Bh bohrium	108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Nh nihonium	114 Fl flerovium	115 Mc moscovium	116 Lv livermorium	117 Ts tennessine	118 Og oganesson
71 Lu lutetium 174.967	70 Yb ytterbium 173.054	69 Tm thulium 168.934	68 Er erbium 167.262	67 Ho holmium 164.930	66 Dy dysprosium 162.502	65 Tb terbium 158.925	64 Gd gadolinium 157.254	63 Eu europium 151.964	62 Sm samarium 150.362	61 Pm promethium	60 Nd neodymium 144.242	59 Pr praseodymium 140.908	58 Ce cerium 140.127	57 La lanthanum 138.905	103 Lr lawrencium	102 No nobelium	101 Md mendelevium	100 Fm fermium	99 Es einsteinium	98 Cf californium	97 Bk berkelium	96 Cm curium	95 Am americium	94 Pu plutonium	93 Np neptunium	92 U uranium 238.02891	91 Pa protactinium 231.036	90 Th thorium 232.0377																																																													

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Key:
atomic number
Symbol
name
relative atomic weight
standard atomic weight

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Figure 6.1 – Table de la classification périodique des éléments