

# NAMES AND SYMBOLS OF THE ELEMENTS

## Chem-271

aluminum	Al	magnesium	Mg
antimony	Sb	manganese	Mn
argon	Ar	mercury	Hg
arsenic	As	neon	Ne
astatine	At	nickel	Ni
barium	Ba	nitrogen	N
beryllium	Be	oxygen	O
bismuth	Bi	palladium	Pd
boron	B	phosphorus	P
bromine	Br	platinum	Pt
cadmium	Cd	potassium	K
calcium	Ca	radium	Ra
carbon	C	radon	Rn
cesium	Cs	rubidium	Rb
chlorine	Cl	scandium	Sc
chromium	Cr	selenium	Se
cobalt	Co	silicon	Si
copper	Cu	silver	Ag
fluorine	F	sodium	Na
francium	Fr	strontium	Sr
gallium	Ga	sulfur	S
gold	Au	tellurium	Te
helium	He	thorium	Th
hydrogen	H	tin	Sn
iodine	I	titanium	Ti
iron	Fe	tungsten	W
krypton	Kr	uranium	U
lead	Pb	xenon	Xe
lithium	Li	zinc	Zn

# The Periodic Table of the Elements

1	IA	1 H 1.0	2	IIA	4 Be 9.0	3	IIIB	21 Sc 45.0	4	IVB	22 Ti 47.9	5	VB	23 V 50.9	6	VIB	24 Cr 52.0	7	VII B	25 Mn 54.9	8	VIII B	26 Fe 55.8	9	VIII B	27 Co 58.9	10	VIII B	28 Ni 58.7	11	IB	29 Cu 63.5	12	IIB	30 Zn 65.4	13	IIIA	5 B 10.8	14	IVA	6 C 12.0	15	VA	7 N 14.0	16	VIA	8 O 16.0	17	VIIA	9 F 19.0	18	VIIIA	2 He 4.0				
11	Na 23.0	12	Mg 24.3	13	Al 27.0	14	Si 28.1	15	P 31.0	16	S 32.1	17	Cl 35.5	18	Ar 40.0																																										
19	K 39.1	20	Ca 40.1	21	Sc 45.0	22	Ti 47.9	23	V 50.9	24	Cr 52.0	25	Mn 54.9	26	Fe 55.8	27	Co 58.9	28	Ni 58.7	29	Cu 63.5	30	Zn 65.4	31	Ga 69.7	32	Ge 72.6	33	As 74.9	34	Se 79.0	35	Br 79.9	36	Kr 83.8																						
37	Rb 85.5	38	Sr 87.6	39	Y 88.9	40	Zr 91.2	41	Nb 92.9	42	Mo 95.9	43	Tc (98)	44	Ru 101.1	45	Rh 102.9	46	Pd 106.4	47	Ag 107.9	48	Cd 112.4	49	In 114.8	50	Sn 118.7	51	Sb 121.8	52	Te 127.6	53	I 126.9	54	Xe 131.3																						
55	Cs 132.9	56	Ba 137.3	57	La* 138.9	72	Hf 178.5	73	Ta 181.0	74	W 183.9	75	Re 186.2	76	Os 190.2	77	Ir 192.2	78	Pt 195.1	79	Au 197.0	80	Hg 200.6	81	Tl 204.4	82	Pb 207.2	83	Bi 209.0	84	Po (209)	85	At (210)	86	Rn (222)																						
87	Fr (223)	88	Ra 226.0	89	Ac** (227)	104	Rf (261)	105	Db (262)	106	Sg (263)	107	Bh (262)	108	Hs (265)	109	Mt (266)	110	Uun (269)	111	Uuu (272)	112	Uub (277)	113	Uut (282)	114	Uuq (285)	115	Uup (288)	116	Uuq (291)	117	Uup (294)	118	Og (294)																						
89	Th 232.0	90	Pa 231.0	91	U 238.3	92	Np 237.1	93	Pu 244.3	94	Am 243.3	95	Cm 247.0	96	Bk 247.0	97	Cf 251.0	98	Es 252.0	99	Fm 257.0	100	Md 258.1	101	No 259.1	102	Lr 260.1	103	Hf 178.5	104	Ta 181.0	105	W 183.9	106	Re 186.2	107	Os 190.2	108	Ir 192.2	109	Pt 195.1	110	Au 197.0	111	Hg 200.6	112	Tl 204.4	113	Pb 207.2	114	Bi 209.0	115	Po (209)	116	At (210)	117	Rn (222)
58	Ce 140.1	59	Pr 140.9	60	Nd 144.2	61	Pm (145)	62	Sm 150.4	63	Eu 152.0	64	Gd 157.3	65	Tb 158.9	66	Dy 162.5	67	Ho 164.9	68	Er 167.3	69	Tm 168.9	70	Yb 173.0	71	Lu 175.0	72	Hf 178.5	73	Ta 181.0	74	W 183.9	75	Re 186.2	76	Os 190.2	77	Ir 192.2	78	Pt 195.1	79	Au 197.0	80	Hg 200.6	81	Tl 204.4	82	Pb 207.2	83	Bi 209.0	84	Po (209)	85	At (210)	86	Rn (222)
90	Th 232.0	91	Pa 231.0	92	U 238.3	93	Np 237.1	94	Pu 244.3	95	Am 243.3	96	Cm 247.0	97	Bk 247.0	98	Cf 251.0	99	Es 252.0	100	Fm 257.0	101	Md 258.1	102	No 259.1	103	Lr 260.1																														

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