



# Appendix E

## PERIODIC TABLE OF THE ELEMENTS

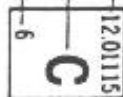
Atomic weights conform to the 1961 values of the Commission on Atomic Weights.

Atomic Mass (Weight) — 12.01115

Symbol — C

Atomic Number — 6

KEY



Period	IA	IIA	Transition Elements										IIIA	IVA	VA	VIA	VIIA	VIIIA					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
1	H 1.00797	He 4.0026											B 10.811	C 12.01115	N 14.0067	O 15.9994	F 18.9984	Ne 20.183					
2	Li 6.939	Be 9.0122											B 10.811	C 12.01115	N 14.0067	O 15.9994	F 18.9984	Ne 20.183					
3	Na 22.9898	Mg 24.312	Al 26.9815	Si 28.086	P 30.9738	S 32.064	Cl 35.453	Ar 39.948															
4	K 39.102	Ca 40.08	Sc 44.956	Ti 47.90	V 50.942	Cr 51.996	Mn 54.9380	Fe 55.847	Co 58.9332	Ni 58.71	Cu 63.54	Zn 65.37	Ga 69.72	Ge 72.59	As 74.9216	Se 78.96	Br 79.909	Kr 83.80					
5	Rb 85.47	Sr 87.62	Y 88.905	Zr 91.22	Nb 92.906	Mo 95.94	(99) Tc	Ru 101.07	Rh 102.905	Pd 106.4	Ag 107.870	Cd 112.40	In 114.82	Sn 118.69	Sb 121.75	Te 127.60	I 126.9044	Xe 131.30					
6	Cs 132.905	Ba 137.34	La 138.91	Hf 178.49	Ta 180.948	W 183.85	Re 186.2	Os 190.2	Ir 192.2	Pt 195.09	Au 196.967	Hg 200.59	Tl 204.37	Pb 207.19	Bi 208.980	Po (210)	At (210)	Rn (222)					
7	Fr (223)	Ra (226)	Ac (227)																				
			Lanthanide Series										Actinide Series										
			Ce 140.12	Pr 140.907	Nd 144.24	Pm (147)	Sm 150.35	Eu 151.96	Gd 157.25	Tb 158.924	Dy 162.50	Ho 164.930	Er 167.26	Tm 168.934	Yb 173.04	Lu 174.97							
			Th 232.038	Pa (231)	U 238.03	Np (237)	Pu (242)	Am (243)	Cm (247)	Bk (247)	Cf (249)	Es (254)	Fm (253)	Md (256)	No (254)	Lw (257)							

Numbers in parentheses are most common isotopes.



## TABLE OF ATOMIC WEIGHTS OF COMMONLY USED ELEMENTS IN THE WATER INDUSTRY

Name	Symbol	Atomic Weight
aluminum	Al	27.0
calcium	Ca	40.1
carbon	C	12.0
chlorine	Cl	35.4
fluoride	F	19.0
hydrogen	H	1.0
iron	Fe	55.8
magnesium	Mg	24.3
manganese	Mn	54.9
nitrogen	N	14.0
oxygen	O	16.0
potassium	K	39.1
sodium	Na	23.0
sulfur	S	32.1