

Periodic Table of the Elements

Abundance of Elements in Earth's Crust

all values are in mg/kg

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About Chemistry

1A											2A											3A					4A	5A	6A	7A	8A
1 H 1400 Hydrogen											4 Be 2.8 Beryllium											5 B 10 Boron	6 C 200 Carbon	7 N 19 Nitrogen	8 O 461000 Oxygen	9 F 585 Fluorine	10 Ne 5 x 10 ⁻³ Neon				
3 Li Lithium											11 Na 23600 Sodium	12 Mg 23300 Magnesium											13 Al 82300 Aluminum	14 Si 282000 Silicon	15 P 1050 Phosphorus	16 S 350 Sulfur	17 Cl 145 Chlorine	18 Ar 3.5 Argon			
19 K 20900 Potassium	20 Ca 41500 Calcium	21 Sc 22 Scandium	22 Ti 5650 Titanium	23 V 120 Vanadium	24 Cr 102 Chromium	25 Mn 950 Manganese	26 Fe 56300 Iron	27 Co 25 Cobalt	28 Ni 84 Nickel	29 Cu 60 Copper	30 Zn 70 Zinc	31 Ga 19 Gallium	32 Ge 1.5 Germanium	33 As 1.8 Arsenic	34 Se 5 x 10 ⁻² Selenium	35 Br 2.4 Bromine	36 Kr 1 x 10 ⁻⁴ Krypton														
37 Rb 90 Rubidium	38 Sr 370 Strontium	39 Y 33 Yttrium	40 Zr 165 Zirconium	41 Nb 20 Niobium	42 Mo 1.2 Molybdenum	43 Tc Technetium	44 Ru 1 x 10 ⁻³ Ruthenium	45 Rh 1 x 10 ⁻³ Rhodium	46 Pd 1.5 x 10 ⁻² Palladium	47 Ag 7.5 x 10 ⁻² Silver	48 Cd 1.5 x 10 ⁻¹ Cadmium	49 In 2.5 x 10 ⁻¹ Indium	50 Sn 2.3 Tin	51 Sb 2 x 10 ⁻¹ Antimony	52 Te 1 x 10 ⁻³ Tellurium	53 I 4.5 x 10 ⁻¹ Iodine	54 Xe 3 x 10 ⁻³ Xenon														
55 Cs 3 Cesium	56 Ba 425 Barium	57-71 Lanthanides	72 Hf 3 Hafnium	73 Ta 2 Tantalum	74 W 1.25 Tungsten	75 Re 7 x 10 ⁻⁴ Rhenium	76 Os 1.5 x 10 ⁻³ Osmium	77 Ir 1 x 10 ⁻³ Iridium	78 Pt 5 x 10 ⁻³ Platinum	79 Au 4 x 10 ⁻³ Gold	80 Hg 8.5 x 10 ⁻² Mercury	81 Tl 8.5 x 10 ⁻¹ Thallium	82 Pb 14 Lead	83 Bi 8.5 x 10 ⁻³ Bismuth	84 Po 2 x 10 ⁻¹⁰ Polonium	85 At Astatine	86 Rn 4 x 10 ⁻¹³ Radon														
87 Fr 9 x 10 ⁻⁷ Francium	88 Ra Radium	89-103 Actinides	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 Uut Ununtrium	114 Ff Flerovium	115 Uup Ununpentium	116 Lv Livermorium	117 Uus Ununseptium	118 Uuo Ununoctium														

Lanthanides	57 La 39 Lanthanum	58 Ce 66.5 Cerium	59 Pr 9.2 Praseodymium	60 Nd 41.5 Neodymium	61 Pm Promethium	62 Sm 7.05 Samarium	63 Eu 2 Europium	64 Gd 6.2 Gadolinium	65 Tb 1.2 Terbium	66 Dy 5.2 Dysprosium	67 Ho 1.3 Holmium	68 Er 3.5 Erbium	69 Tm 5.2 x 10 ⁻¹ Thulium	70 Yb 3.2 Ytterbium	71 Lu 8 x 10 ⁻¹ Lutetium
Actinides	89 Ac 5.5 x 10 ⁻¹⁰ Actinium	90 Th 9.6 Thorium	91 Pa 1.4 x 10 ⁻⁶ Protactinium	92 U 2.7 Uranium	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

Alkali Metals	Alkaline Earth	Transition Metal	Basic Metal	Semi Metal	Non Metal	Halogen	Noble Gas	Lanthanides	Actinides
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