



PERIODIC TABLE OF THE ELEMENTS

Custom Standards • Inorganic Standards

There are more than 115 known elements, but combining individual elements into a pure, usable reference material takes expertise and experience.

Our custom blending service enables clients to obtain mixtures made to their own specific requirements.

ISO Quality procedures ensure every standard we supply is designed to be stable, compatible and easy to use.

- ALKALI METALS
- METALLOIDS
- NOBLE GASES
- ALKALINE EARTH METALS
- OTHER NONMETALS
- LANTHANIDES
- TRANSITION METALS
- HALOGENS
- ACTINIDES
- POST-TRANSITION METALS
- UNKNOWN PROPERTIES

1	2											13	14	15	16	17	18
1 H HYDROGEN 1.0078																2 He HELIUM 4.0026	
2 Li LITHIUM 6.938	4 Be BERYLLIUM 9.0122																
3 Na SODIUM 22.990	12 Mg MAGNESIUM 24.305																
4 K POTASSIUM 39.098	20 Ca CALCIUM 40.078	21 Sc SCANDIUM 44.956	22 Ti TITANIUM 47.867	23 V VANADIUM 50.942	24 Cr CHROMIUM 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 65.38	31 Ga GALLIUM 69.723	32 Ge GERMANIUM 72.63	33 As ARSENIC 74.922	34 Se SELENIUM 78.96	35 Br BROMINE 79.904	36 Kr KRYPTON 83.798
5 Rb RUBIDIUM 85.468	38 Sr STRONTIUM 87.62	39 Y YTRIUM 88.906	40 Zr ZIRCONIUM 91.224	41 Nb NIOBIUM 92.906	42 Mo MOLYBDENUM 95.96	43 Tc TECHNETIUM 98.9062	44 Ru RUTHENIUM 101.07	45 Rh RHODIUM 102.91	46 Pd PALLADIUM 106.42	47 Ag SILVER 107.87	48 Cd CADMIUM 112.41	49 In INDIUM 114.82	50 Sn TIN 118.71	51 Sb ANTIMONY 121.76	52 Te TELLURIUM 127.60	53 I IODINE 126.90	54 Xe XENON 131.29
6 Cs CAESIUM 132.91	56 Ba BARIUM 137.33	57-71 SEE BELOW	72 Hf HAFNIUM 178.49	73 Ta TANTALUM 180.95	74 W TUNGSTEN 183.84	75 Re RHENIUM 186.21	76 Os OSMIUM 190.23	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 209	85 At ASTATINE 210	86 Rn RADON 222
7 Fr FRANCIUM 223	88 Ra RADIUM 226	89-103 SEE BELOW	104 Rf RUTHERFORDIUM 261	105 Db DUBNIUM 262	106 Sg SEABORGIUM 266	107 Bh BOHRIUM 264	108 Hs HASSIUM 269	109 Mt MEITNERIUM 268	110 Ds DARMSTADIUM 268	111 Rg ROENTGENIUM 268	112 Cn COPERNICIUM 268	113 Uut UNUNTRIUM 268	114 Fl FLEROVIUM 268	115 Uup UNUNPENTIUM 268	116 Lv LIVERMORIUM 268	117 Uus UNUNSEPTIUM 268	118 Uuo UNUNOCTIUM 268

57 La LANTHANUM 138.91	58 Ce CERIUM 140.12	59 Pr PRASEODYMIUM 140.91	60 Nd NEODYMIUM 144.24	61 Pm PROMETHIUM 145	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 YTTERIUM 173.04	71 Lu LUTETIUM 174.97
89 Ac ACTINIUM 227	90 Th THORIUM 232.04	91 Pa PROTACTINIUM 231.04	92 U URANIUM 238.03	93 Np NEPTUNIUM 237	94 Pu PLUTONIUM 244	95 Am AMERICIUM 243	96 Cm CURIUM 247	97 Bk BERKELIUM 247	98 Cf CALIFORNIUM 251	99 Es EINSTEINIUM 252	100 Fm FERMIUM 257	101 Md MENDELEVIUM 258	102 No NOBELIUM 259	103 Lr LAWRENCIUM 262

Atomic number → 26

Symbol → **Fe**

Name → IRON

↑ Ionisation Energy 55.845

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