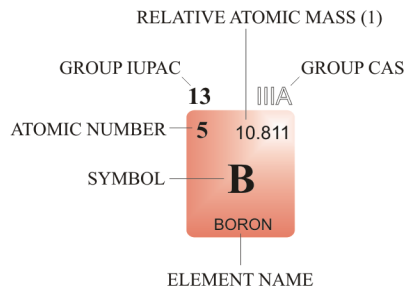


PERIODIC TABLE OF THE ELEMENTS

<http://www.periodni.com>

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PERIOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1.0079 H HYDROGEN																	4.0026 He HELIUM
2	6.941 Li LITHIUM	9.0122 Be BERYLLIUM											10.811 B BORON	12.011 C CARBON	14.007 N NITROGEN	15.999 O OXYGEN	18.998 F FLUORINE	20.180 Ne NEON
3	22.990 Na SODIUM	24.305 Mg MAGNESIUM											26.982 Al ALUMINIUM	28.086 Si SILICON	30.974 P PHOSPHORUS	32.065 S SULPHUR	35.453 Cl CHLORINE	39.948 Ar ARGON
4	39.098 K POTASSIUM	40.078 Ca CALCIUM											69.723 Ga GALLIUM	72.64 Ge GERMANIUM	74.922 As ARSENIC	78.96 Se SELENIUM	79.904 Br BROMINE	83.798 Kr KRYPTON
5	85.468 Rb RUBIDIUM	87.62 Sr STRONTIUM											114.82 In INDIUM	118.71 Sn TIN	121.76 Sb ANTIMONY	127.60 Te TELLURIUM	126.90 I IODINE	131.29 Xe XENON
6	132.91 Cs CAESIUM	137.33 Ba BARIUM	57-71 La-Lu Lanthanide										204.38 Tl THALLIUM	207.2 Pb LEAD	208.98 Bi BISMUTH	(209) Po POLONIUM	(210) At ASTATINE	(222) Rn RADON
7	(223) Fr FRANCIUM	(226) Ra RADIUM	89-103 Ac-Lr Actinide										(...) Uut UNUNTRIUM	(287) Fl FLEROVIUM	(...) Uup UNUNPENTIUM	(291) Lv LIVERMORIUM	(...) Uus UNUNSEPTIUM	(...) Uuo UNUNOCTIUM



Legend for element categories:

- Metal
- Semimetal
- Nonmetal
- Alkali metal
- Alkaline earth metal
- Transition metals
- Lanthanide
- Actinide
- Chalcogens element
- Halogens element
- Noble gas

STANDARD STATE (25 °C; 101 kPa)

- Ne** - gas
- Hg** - liquid
- Fe** - solid
- Tc** - synthetic

(1) Pure Appl. Chem., 81, No. 11, 2131-2156 (2009)
Relative atomic masses are expressed with five significant figures. For elements that have no stable nuclides, the value enclosed in brackets indicates the mass number of the longest-lived isotope of the element. However three such elements (Th, Pa and U) do have a characteristic terrestrial isotopic composition, and for these an atomic weight is tabulated.

LANTHANIDE

57 138.91 La LANTHANUM	58 140.12 Ce CERIUM	59 140.91 Pr PRASEODYMIUM	60 144.24 Nd NEODYMIUM	61 (145) Pm PROMETHIUM	62 150.36 Sm SAMARIUM	63 151.96 Eu EUROPIUM	64 157.25 Gd GADOLINIUM	65 158.93 Tb TERBIUM	66 162.50 Dy DYSPROSIUM	67 164.93 Ho HOLMIUM	68 167.26 Er ERBIUM	69 168.93 Tm THULIUM	70 173.05 Yb YTTERBIUM	71 174.97 Lu LUTETIUM
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ACTINIDE

89 (227) Ac ACTINIUM	90 232.04 Th THORIUM	91 231.04 Pa PROTACTINIUM	92 238.03 U URANIUM	93 (237) Np NEPTUNIUM	94 (244) Pu PLUTONIUM	95 (243) Am AMERICIUM	96 (247) Cm CURIUM	97 (247) Bk BERKELIUM	98 (251) Cf CALIFORNIUM	99 (252) Es EINSTEINIUM	100 (257) Fm FERMIUM	101 (258) Md MENDELEVIUM	102 (259) No NOBELIUM	103 (262) Lr LAWRENCIUM
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2015 UNIVERSITY SUMMER FORUM

Chemistry & Society

WITH BASSAM Z. SHAKHASHIRI, PROFESSOR OF CHEMISTRY
WILLIAM T. EVJUE DISTINGUISHED CHAIR FOR THE WISCONSIN IDEA
DIRECTOR, WISCONSIN INITIATIVE FOR SCIENCE LITERACY
DEPARTMENT OF CHEMISTRY, UNIVERSITY OF WISCONSIN-MADISON

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in the face of:***

- Population Growth
- Finite Resources
- Malnutrition
- Spreading Disease
- Deadly Violence
- War
- Climate Change
- Denial of Basic Human Rights...
*Especially the right to benefit from scientific
and technological progress.*

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The mission of the Wisconsin Initiative for Science Literacy is to promote literacy in science, mathematics and technology among the general public and to attract future generations to careers in research, teaching and public service.

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