

INTERNATIONAL ATOMIC WEIGHTS, 1949.

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of Pure and Applied Chemistry.]

	Symbol.	Atomic number.	Atomic weight.*		Symbol.	Atomic number.	Atomic weight.*
Actinium	Ac	89	227	Neodymium	Nd	60	144.27
Aluminium	Al	13	26.97	Neptunium	Np	93	[237]
Americium	Am	95	[241]	Neon	Ne	10	20.183
Antimony	Sb	51	121.76	Nickel.....	Ni	28	58.69
Argon	A	18	39.944	Niobium	Nb	41	92.91
Arsenic	As	33	74.91	Nitrogen	N	7	14.008
Astatine	At	85	[210]	Osmium	Os	76	190.2
Barium	Ba	56	137.36	Oxygen	O	8	16.0000
Beryllium	Be	4	9.013	Palladium	Pd	46	106.7
Bismuth	Bi	83	209.00	Phosphorus	P	15	30.98
Boron	B	5	10.82	Platinum	Pt	78	195.23
Bromine	Br	35	79.916	Plutonium	Pu	94	[239]
Cadmium	Cd	48	112.41	Polonium	Po	84	210
Calcium	Ca	20	40.08	Potassium	K	19	39.096
Carbon	C	6	12.010	Praseodymium ...	Pr	59	140.92
Cerium	Ce	58	140.13	Promethium	Pm	61	[147]
Cæsium	Cs	55	132.91	Protactinium.....	Pa	91	231
Chlorine	Cl	17	35.457	Radium	Ra	88	226.05
Chromium	Cr	24	52.01	Radon	Rn	86	222
Cobalt	Co	27	58.94	Rhenium	Re	75	186.31
Copper	Cu	29	63.54	Rhodium	Rh	45	102.91
Curium	Cm	96	[242]	Rubidium	Rb	37	85.48
Dysprosium	Dy	66	162.46	Ruthenium	Ru	44	101.7
Erbium	Er	68	167.2	Samarium	Sm	62	150.43
Europium	Eu	63	152.0	Scandium	Sc	21	45.10
Fluorine	F	9	19.00	Selenium	Se	34	78.96
Francium	Fr	87	[223]	Silicon	Si	14	28.06
Gadolinium	Gd	64	156.9	Silver	Ag	47	107.880
Gallium	Ga	31	69.72	Sodium	Na	11	22.997
Germanium	Ge	32	72.60	Strontium	Sr	38	87.63
Gold	Au	79	197.2	Sulphur	S	16	32.066
Hafnium	Hf	72	178.6	Tantalum	Ta	73	180.88
Helium	He	2	4.003	Technetium	Tc	43	[99]
Holmium	Ho	67	164.94	Tellurium	Te	52	127.61
Hydrogen	H	1	1.0080	Terbium	Tb	65	159.2
Indium	In	49	114.76	Thallium	Tl	81	204.39
Iodine	I	53	126.92	Thorium	Th	90	232.12
Iridium	Ir	77	193.1	Thulium	Tm	69	169.4
Iron	Fe	26	55.85	Tin	Sn	50	118.70
Krypton	Kr	36	83.7	Titanium	Ti	22	47.90
Lanthanum	La	57	138.92	Tungsten	W	74	183.92
Lead	Pb	82	207.21	Uranium	U	92	238.07
Lithium	Li	3	6.940	Vanadium	V	23	50.95
Lutetium	Lu	71	174.99	Xenon	Xe	54	131.3
Magnesium	Mg	12	24.32	Ytterbium	Yb	70	173.04
Manganese	Mn	25	54.93	Yttrium	Y	39	88.92
Mercury	Hg	80	200.61	Zinc	Zn	30	65.38
Molybdenum ...	Mo	42	95.95	Zirconium	Zr	40	91.22

* A value given in brackets denotes the mass number of the most stable known isotope.

[The names given above are those adopted by the Chemical Society.]

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY.
AMSTERDAM, 1949.

THE Commission on Nomenclature of Inorganic Chemistry made the following recommendations which were adopted by the Council of the International Union :

1. *The names of elements which have been recently discovered or synthesised.*

The following names are recommended, subject to such modifications as may be necessary in other languages :

Atomic number.	Name.
43	Technetium
61	Promethium
85	Astatine
87	Francium
93	Neptunium
94	Plutonium
95	Americium
96	Curium

2. *The names to be applied to certain elements for which two or more names are current.*

The following are recommended :

Atomic number.	Name.
4	Beryllium
41	Niobium
71	Lutetium
72	Hafnium
74	Wolfram *
92	Protactinium

* **Tungsten** (and not wolfram) will nevertheless be used in all publications of the Chemical Society.