

# Periodic table of the elements

Elemental analysis according to USP <232>

[www.emdmillipore.com/certipur](http://www.emdmillipore.com/certipur)

1													18					
1	H											2	He					
3	4											10					18	
11	12											18					36	
19	20											26					44	
27	28											34					52	
35	36											42					60	
41	42											50					68	
49	50											58					76	
57-71	72											66					84	
87	88											74					92	
89-103	104											82					100	
105	106											90					108	
107	108											98					116	
109	110											106					124	
111	112											114					132	
113	114											120					138	
115	116											128					146	
117	118											136					154	
119	120											144					162	

1	45	3	102.91
2	Rh	4	1966
3		5	3727
4		6	1.5
5		7	0, 1, 2, 3, 4, 5
6		8	[Kr] 4d <sup>8</sup> 5s <sup>1</sup>

- 1 Atomic number
- 2 Element symbol
- 3 Relative atomic mass
- 4 Melting point (°C)
- 5 Boiling point (°C)
- 6 Electronegativity (Allred, Rochow)
- 7 Oxidations states
- 8 Electron configuration

- "Big Four" Heavy Metals
- "PGM" Platin Group Metals
- other elements of concern according to USP

Lanthanides												
57	58	59	60	61	62	63	64	65	66	67	68	69
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
89	90	91	92	93	94	95	96	97	98	99	100	101
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md
Actinides												