

1

H

1.008

Hydrogen

2

He

4.003

Helium

3

Li

6.941

Lithium

4

Be

9.012

Beryllium

5

B

10.81

Boron

6

C

12.01

Carbon

7

N

14.01

Nitrogen

8

O

16.00

Oxygen

9

F

19.00

Fluorine

10

Ne

20.18

Neon

11

Na

22.99

Sodium

12

Mg

24.31

Magnesium

13

Al

26.98

Aluminum

14

Si

28.09

Silicon

15

P

30.97

Phosphorus

16

S

32.07

Sulfur

17

Cl

35.45

Chlorine

18

Ar

39.95

Argon

19

K

39.10

Potassium

20

Ca

40.08

Calcium

21

Sc

44.96

Scandium

22

Ti

47.87

Titanium

23

V

50.94

Vanadium

24

Cr

52.00

Chromium

25

Mn

54.94

Manganese

26

Fe

55.85

Iron

27

Co

58.93

Cobalt

28

Ni

58.69

Nickel

29

Cu

63.55

Copper

30

Zn

65.41

Zinc

31

Ga

69.72

Gallium

32

Ge

72.64

Germanium

33

As

74.92

Arsenic

34

Se

78.96

Selenium

35

Br

79.90

Bromine

36

Kr

83.80

Krypton

37

Rb

85.47

Rubidium

38

Sr

87.62

Strontium

39

Y

88.91

Yttrium

40

Zr

91.22

Zirconium

41

Nb

92.91

Niobium

42

Mo

95.94

Molybdenum

43

Tc

98

Technetium

44

Ru

101.1

Ruthenium

45

Rh

102.9

Rhodium

46

Pd

106.4

Palladium

47

Ag

107.9

Silver

48

Cd

112.4

Cadmium

49

In

114.8

Indium

50

Sn

118.7

Tin

51

Sb

121.8

Antimony

52

Te

127.6

Tellurium

53

I

126.9

Iodine

54

Xe

131.3

Xenon

55

Cs

132.9

Cesium

56

Ba

137.3

Barium

57

La

138.9

Lanthanum

58

Ce

140.1

Cerium

59

Pr

140.9

Praseodymium

60

Nd

144.2

Neodymium

61

Pm

145

Promethium

62

Sm

150.4

Samarium

63

Eu

152.0

Europium

64

Gd

157.3

Gadolinium

65

Tb

158.9

Terbium

66

Dy

162.5

Dysprosium

67

Ho

164.9

Holmium

68

Er

167.3

Erbium

69

Tm

168.9

Thulium

70

Yb

173.0

Ytterbium

71

Lu

175.0

Lutetium

72

Hf

178.5

Hafnium



73

Ta

180.9

Tantalum

74

W

183.8

Tungsten

75

Re

186.2

Rhenium

76

Os

190.2

Osmium

77

Ir

192.2

Iridium

78

Pt

195.1

Platinum

79

Au

197.0

Gold

80

Hg

200.6

Mercury

81

Tl

204.4

Thallium

82

Pb

207.2

Lead

83

Bi

209.0

Bismuth

84

Po

209

Polonium

85

At

210

Astatine

86

Rn

222

Radon

87

Fr

223

Francium

88

Ra

226

Radium

89

Ac

227

Actinium

90

Th

232.0

Thorium

91

Pa

231.0

Protactinium

92

U

238.0

Uranium

93

Np

237

Neptunium

94

Pu

239

Plutonium

95

Am

243

Americium

96

Cm

247

Curium

97

Bk

247

Berkelium

98

Cf

251

Californium

99

Es

252

Einsteinium

100

Fm

257

Fermium

101

Md

258

Mendelevium

102

No

259

Nobelium

103

Lr

262

Lawrencium

104

Rf

261

Rutherfordium

105

Db

262

Dubnium

106

Sg

266

Seaborgium

107

Bh

264

Bohrium

108

Hs

277

Hassium

109

Mt

268

Meitnerium

110

Ds

281

Darmstadtium

111

Rg

272

Roentgentium

112

Cn

285

Copernicium

113

Uut

284

Ununtrium

114

Fl

289

Flerovium

115

Uup

288

Ununpentium

116

Lv

292

Livermorium

117

Uus

293

Ununseptium

118

Uuo

294

Ununoctium