

1

H

Hydrogen
1.008

2

He

Helium
4.003

3

Li

Lithium
6.941

4

Be

Beryllium
9.012

5

B

Boron
10.81

6

C

Carbon
12.01

7

N

Nitrogen
14.01

8

O

Oxygen
16.00

9

F

Fluorine
19.00

10

Ne

Neon
20.18

11

Na

Sodium
22.99

12

Mg

Magnesium
24.31

13

Al

Aluminum
26.98

14

Si

Silicon
28.09

15

P

Phosphorous
30.97

16

S

Sulfur
32.07

17

Cl

Chlorine
35.45

18

Ar

Argon
39.95

19

K

Potassium
39.10

20

Ca

Calcium
40.08

21

Sc

Scandium
44.95

22

Ti

Titanium
47.86

23

V

Vanadium
50.94

24

Cr

Chromium
51.99

25

Mn

Manganese
54.93

26

Fe

Iron
55.84

27

Co

Cobalt
58.93

28

Ni

Nickel
58.69

29

Cu

Copper
63.54

30

Zn

Zinc
65.38

31

Ga

Gallium
69.72

32

Ge

Germanium
72.63

33

As

Arsenic
74.92

34

Se

Selenium
78.97

35

Br

Bromine
79.90

36

Kr

Krypton
83.78

37

Rb

Rubidium
85.46

38

St

Strontium
87.62

39

Y

Yttrium
88.90

40

Zr

Zirconium
91.22

41

Nb

Niobium
92.90

42

Mo

Molybdenum
95.95

43

Tc

Technetium
98.90

44

Ru

Ruthenium
101.07

45

Rh

Rhodium
102.90

46

Pd

Palladium
106.42

47

Ag

Silver
107.86

48

Cd

Cadmium
112.41

49

In

Indium
114.81

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

55

Cs

Cesium
132.90

56

Ba

Barium
137.32

57

La

Lanthanum
138.90

58

Ce

Cerium
140.11

59

Pr

Praseodymium
140.90

60

Nd

Neodymium
144.24

61

Pm

Promethium
145.00

62

Sm

Samarium
150.36

63

Eu

Europium
151.96

64

Gd

Gadolinium
157.25

65

Tb

Terbium
158.92

66

Dy

Dysprosium
162.50

67

Ho

Holmium
164.93

68

Er

Erbium
167.25

69

Tm

Thulium
168.93

70

Yb

Ytterbium
173.04

71

Lu

Lutetium
174.96

72

Hf

Hafnium
178.49

73

Ta

Tantalum
180.94

74

W

Tungsten
183.84

75

Re

Rhenium
186.20

76

Os

Osmium
190.23

77

Ir

Iridium
192.21

78

Pt

Platinum
195.07

79

Au

Gold
196.96

80

Hg

Mercury
200.59

81

Tl

Thallium
204.38

82

Pb

Lead
207.20

83

Bi

Bismuth
208.98

84

Po

Polonium
209.00

85

At

Astatine
210.00

86

Rn

Radon
222.00

87

Fr

Francium
223.00

88

Ra

Radium
226.00

89

Ac

Actinium
227.00

90

Th

Thorium
232.03

91

Pa

Protactinium
231.03

92

U

Uranium
238.02

93

Np

Neptunium
237.00

94

Pu

Plutonium
244.00

95

Am

Americium
243.00

93

Cm

Curium
247.00

97

Bk

Berkelium
247.00

98

Cf

Californium
251.00

99

Es

Einsteinium
252.00

100

Fm

Fermium
257.00

101

Md

Mendelevium
258.00

102

No

Nobelium
259.00

103

Lr

Lawrencium
262.00

104

Rf

Rutherfordium
261.00

105

Db

Dubnium
262.00

106

Sg

Seaborgium
266.00

107

Bh

Bohrium
264.00

108

Hs

Hassium
277.00

109

Mt

Meitnerium
268.00

110

Ds

Darmstadtium
281.00

111

Rg

Roentgenium
280.00

112

Cn

Copernicium
285.00

113

Nh

Nihonium
286.00

114

Fl

Flerovium
289.00

115

Mc

Moscovium
286.00

116

Lv

Livermorium
293.00

117

Ts

Tennessine
294.00

118

Og

Oganesson

294.00