

Exact Masses Of Isotopes

| element | average atomic weight | nuclide | abundance | actual mass |
|------------|-----------------------|------------------|-----------|----------------|
| hydrogen | 1.00797 | ^1H | 100 | 1.00783 |
| | | ^2H | 0.016 | 2.01410 |
| carbon | 12.01115 | ^{12}C | 100 | 12.00000 (std) |
| | | ^{13}C | 1.08 | 13.00336 |
| nitrogen | 14.0067 | ^{14}N | 100 | 14.0031 |
| | | ^{15}N | 0.38 | 15.0001 |
| oxygen | 15.9994 | ^{16}O | 100 | 15.9949 |
| | | ^{17}O | 0.04 | 16.9991 |
| | | ^{18}O | 0.20 | 17.9992 |
| fluorine | 18.9984 | ^{19}F | 100 | 18.9984 |
| silicon | 28.086 | ^{28}Si | 100 | 27.9769 |
| | | ^{29}Si | 5.10 | 28.9765 |
| | | ^{30}Si | 3.35 | 29.9738 |
| phosphorus | 30.974 | ^{31}P | 100 | 30.9738 |
| sulfur | 32.064 | ^{32}S | 100 | 31.9721 |
| | | ^{33}S | 0.78 | 32.9715 |
| | | ^{34}S | 4.40 | 33.9769 |
| chlorine | 35.453 | ^{35}Cl | 100 | 34.9689 |
| | | ^{37}Cl | 32.5 | 36.9659 |
| bromine | 79.909 | ^{79}Br | 100 | 78.9183 |
| | | ^{81}Br | 98.0 | 80.9163 |
| iodine | 126.904 | ^{127}I | 100 | 126.9045 |