**Solar Abundances**

Solar abundance ratios taken from Allen's Astrophysical Quantities by A.N Cox (2000): Page 29:31

See references therein. Results differ by up to about 20% from earlier tabulations. Still some uncertainties with solar CNO abundances.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Atomic No | Abbreviation | Species | Atomic Mass | Abundance (dex) |
| 1.0 | H | Hydrogen | 1.0 | 12.0 |
| 2.0 | He | Helium | 4.0 | 11.0 |
| 3.0 | Li | Lithium |  |  |
| 4.0 | Be | Beryllium |  |  |
| 5.0 | B | Boron |  |  |
| 6.0 | C | Carbon | 12.0 | 8.56 |
| 7.0 | N | Nitrogen | 14.0 | 8.05 |
| 8.0 | O | Oxygen | 16.0 | 8.93 |
| 9.0 | F |  |  |  |
| 10.0 | Ne | Neon | 20.2 | 8.09 |
| 11.0 | Na | Sodium | 23.0 | 6.33 |
| 12.0 | Mg | Magnesium | 24.3 | 7.58 |
| 13.0 | Al | Aluminium | 27.0 | 6.47 |
| 14.0 | Si | Silicon | 28.1 | 7.55 |
| 15.0 | P | Phosphorous | 31.0 | 5.45 |
| 16.0 | S | Sulpher | 32.1 | 7.21 |
| 17.0 | Cl | Chlorine | 35.5 | 5.5 |
| 18.0 | Ar | Argon | 39.9 | 6.56 |
| 19.0 | K | Potassium | 39.1 | 5.12 |
| 20.0 | Ca | Calcium | 40.1 | 6.34 |
| 21.0 |  |  |  |  |
| 22.0 | Ti | Titanium | 47.9 | 4.99 |
| 23.0 | V | Vanadiu, | 50.94 | 4.00 |
| 24.0 | Cr | Chromium | 52.0 | 5.67 |
| 25.0 | Mn | Manganese | 54.9 | 5.39 |
| 26.0 | Fe | Iron | 55.8 | 7.54 |
| 27.0 | Co | Cobalt | 58.9 | 4.92 |
| 28.0 | Ni | Nickel | 58.7 | 6.25 |