|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Abundance (% of total** |  | **Abundance**  |
|  | **number of atoms)** |  | **(% of total mass)** |
| Hydrogen | 91.2 |  | 71.0 |
| Helium | 8.7 |  | 27.1 |
| Oxygen | 0.078 |  | 0.97 |
| Carbon | 0.043 |  | 0.40 |
| Nitrogen | 0.0088 |  | 0.096 |
| Silicon | 0.0045 |  | 0.099 |
| Magnesium | 0.0038 |  | 0.076 |
| Neon | 0.0035 |  | 0.058 |
| Iron | 0.030 |  | 0.014 |
| Sulfur | 0.015 |  | 0.040 |