

**Technical Data Sheet**

## Lump Sulfur

Sulfur or sulphur is a chemical element with symbol S and atomic number 16. It is abundant, multivalent, and nonmetallic. Under normal conditions, sulfur atoms form cyclic octatomic molecules with a chemical formula S<sub>8</sub>. Elemental sulfur is a bright yellow crystalline solid at room temperature. Chemically, sulfur reacts with all elements except for gold, platinum, iridium, tellurium, and the noble gases.

**Application:**

Agriculture, military industries, acid production, medicine

Range	Units	Analysis
Purity	Wt%	99.97
Ash content	Wt%	0.02
Moisture	Wt%	0.1
Acid as H <sub>2</sub> SO <sub>4</sub>	Wt%	0.001
Hydrocarbon	Wt%	0.01