



High Purity Elements & Compounds

□ Sulfur

Sulfur (Sulphur) is fine yellow powder or granule. High purity Sulfur (Sulphur) of 99.999% and 99.9999% (5N 6N) is primarily used in the manufacturing of II-VI compound semiconductors, photoelectric devices, glass semiconductor elements and as analysis calibration specimens.



Sulfur	S
Atomic No.	16
Atomic Weight	32.06
Density	2.07gm/cc
Melting Point	112.8 ° C
Boiling Point	444.6 ° C
CAS No.	7704-34-9
H.S Code	2802.0000.00

No	Item	Standard Specification		
1	Sulfur ≥%	99.999	99.9999	
2	Impurity PPM _{wt} Max each	Al	0.5	0.1
		Cu	0.2	0.05
		Fe	0.5	0.1
		Ni	0.5	0.1
		Zn	0.5	0.1
		As	0.5	0.2
		Co	0.5	0.05
		Mn	0.5	0.05
		Pb	0.5	0.05
		Sn	0.5	0.10
		Cd	-	0.05
		Se	1.0	-
Si	1.5	0.1		
3	Size	① Powder -60mesh ② Tablet D2-7mm, ≤D13mm ③ Irregular lump 0.5-2, 1-3, 2-5, ≤10, ≤25mm		
4	Packing	1kgs in polyethylene bottle with composite Al bag outside		