Certificate of Analysis (COA) – Sulfur Lumps

Product Name: Sulfur Lumps

CAS No.: 7704-34-9

HS Code: 2503.00

Appearance: Yellow solid

Date of Analysis: 25/05/2026

Chemical and Physical Properties

Parameter	Unit	Specification	Test Result
Purity (S)	% (min)	≥ 99.5	99.7
Moisture Content (H_2O)	% (max)	≤ 0.05	0.03
Ash Content	% (max)	≤ 0.02	0.01
Acid Residue (as H_2SO_4)	% (max)	≤ 0.003	0.002
Color	-	Bright yellow	Conforms
Shape	-	Uniform pastilles	Conforms
Melting Point	°C	112 – 119	115.5
Particle Size	mm	2 – 6	3 – 5
Oil Content	% (max)	≤ 0.5	0.3
Insoluble Matter	% (max)	≤ 0.05	0.02

Packaging

• 25 kg PP bags or 1000 kg jumbo bags, palletized.

Shelf Life

• 24 months under proper storage conditions (cool, dry, well-ventilated area).

Applications

• Fertilizer manufacturing, rubber vulcanization, chemical synthesis, explosives, and industrial applications.