



Salius Pharma Pvt Ltd.



Restoring Health & Happiness

Technical Data Sheet

Parameter	Specification
Product Name	Selenium Sulfide (USP) (Micronized)
CAS No.	7488-56-4
Molecular Formula	SeS ₂
Molecular Weight	143.08 g/mol
Structural Formula	S=Se=S
Description	Reddish-orange to bright orange fine powder with not more than a faint odour
Solubility	Practically insoluble in water and inorganic solvents
Identification	USP identification tests
Residue on Ignition	NMT 0.2%
Soluble Selenium Compounds	NMT 5.0 ppm
Sulphur Content	42.0 – 44.0%
Assay (Selenium Content)	52.0 – 55.5%
Particle Size	100% less than 10 microns
Loss on Drying	NMT 0.5%
Heavy Metals (ICP-OES)	
– Lead (Pb)	NMT 0.0005% (5 ppm)
– Arsenic (As)	NMT 0.0005% (5 ppm)
– Mercury (Hg)	NMT 0.0023% (23 ppm)
– Cadmium (Cd)	NMT 0.0001% (1 ppm)
Microbial Limits	Total Aerobic Microbial Count: NMT 100 CFU/g
– Total Yeast & Mold	NMT 10 CFU/g
– E. coli / Salmonella / Pseudomonas	Absent
Shelf Life	5 years from manufacture