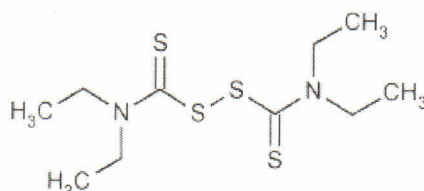


Batch no 202508031
Mf date Aug 03 2025
Retest Aug 02 2029
Batch size 1500 kg

Molecular Structure



Molecular Formula $C_{10}H_{20}N_2S_4$
Molecular Weight 296.54
CAS Registry Number 97-77-8

Sep 03 2025

Tests	Specifications	Results
Appearance	White with yellowness-greenish hue, to light yellow with greenish hue crystalline powder	Conforms
Solubility	Soluble in acetone, in alcohol, in carbon disulfide, and in chloroform; very slightly soluble in water.	Conforms
Identification	IR, RRT	Positive
Melting point	69 ~ 72°C	71.1°C
Loss on drying	≤ 0.2%	0.07%
Residual on ignition	≤ 0.1%	0.02%
Sulphate	≤ 0.025%	0.002%
Chloride	≤ 0.005%	0.002%
Phosphate	≤ 0.02%	ND
Heavy metals	≤ 0.001%	< 0.001%
Selenium	≤ 0.003%	< 0.003%
Arsenic	≤ 0.001%	< 0.001%
Assay (HPLC) odb	98.0 ~ 102.0% of $C_{10}H_{20}N_2S_4$	99.5%

Packaging & storage	Preserve in tight, light resistant containers, moisture proof. Store below 25°C
Conclusion	Material complies with EP9/USP40