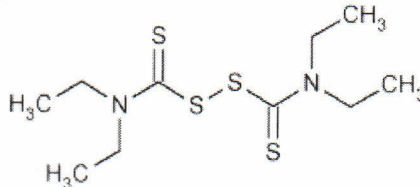




Batch no 2024110201
Mf date Nov 02 2024
Retest Nov 01 2028
Batch size 1500 kg

Molecular Structure



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

Dec 05 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
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	71.3°C
Loss on drying	≤ 0.2%	0.02%
Residual on ignition	≤ 0.1%	0.03%
Sulphate	≤ 0.025%	0.003%
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 $C_{10}H_{20}N_2S_4$	99.3%

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