

Hallochem Group

Chongqing Waycome Pharmaceutical Co.,Ltd.

CERTIFICATE OF ANALYSIS

—revised

Product name	THIOTIC ACID CAS : 1077-28-7	Batch No.	TTA20250601
Manuf. Date	2025-06-09	Expiry Date	2028-06-08
Quantity	550Kgs	Test Standard	EP10 standard

TEST	SPECIFICATIONS	RESULTS
Appearance	Yellow,crystalline powder	conforms
Solubility	Very slightly soluble in water,very soluble in dimethylformamide, freely soluble in methanol	conforms
Identification	IR-Spectroscopy	conforms
Appearance of solution	The solution is clear	Conforms
Melting Point	About 61°C	61.6°C
Loss on drying	NMT 0.2%	0.04%
Sulfated ash	NMT 0.1%	0.02%
Heavy Metals	NMT 0.001%	Conforms
Specific rotation	-1.0°to+1.0°	0°
Related Substance	ImpurityA(6,8-Epitritio-octanoic acid) NMT 0.2% Unspecified impurities NMT 0.10% Total Impurities NMT 0.3% Impurity B (polymer)TLC NMT 1.0%	0.01% 0.01% 0.02% Conforms
Residual Solvents	Cyclohexane : 3880ppm max Ethyl Acetate: 5000ppm max	520ppm 60ppm
Total aerobes counts	1000 cfu/g max	<10cfu/g

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Moulds and Yeasts	100 cfu/g max	<10cfu/g
E.coli	Absence/g	Not Detectable
Staphylococcus aureus	Absence/g	Not Detectable
Salmonella	Absence/g	Not Detectable
Assay(dried substance)	97.0%~102.0%	99.5%

Conclusion: The product complies with the requirements of EP10 standard

Quality Manager:

朱永

Rechecker:

易洪成

Analyst:

刘英

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