

Certificate of Quality

Product Name: L-Threonine

Product Code: A6255 CAS #: 72-19-5
Grade: High Purity Formula: C₄H₉NO₃
Appearance: White powder MW: 119.12
Reassay Date: 3 years after shipping date Lot#: See product label
Storage: Store at room temperature. Protect from moisture.

TEST	SPECIFICATION	RESULT
Purity (Anhydrous Basis)	98.5-101.5%	Passes
Heavy Metals	≤ 0.0015%	Passes
Chloride	≤ 0.05%	Passes
Iron	≤ 0.003%	Passes
Moisture (LOD)	≤ 0.2%	Passes
pH (5%, Water) @25°C	5.0-6.5	Passes
Related Substances: Individual Impurities	≤ 0.5%	Passes
Related Substances: Total Impurities	≤ 2.0%	Passes
Residue on Ignition	≤ 0.4%	Passes
Specific Rotation (-)	29.1-26.7	Passes
Sulfate	≤ 0.03%	Passes

Data Verified by M. He. Verification Date: 2020-01-06

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