

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-11 16:37:57

Date of Next Testing: 2029-12-10 16:37:57

Product Name: **L-Threonine**

CAS Number: 72-19-5

Specifications & Purity: Moligand™, ≥99%

Lot #: L2508492

SKU #: **T108221**

Version: **1**

Analysis #: **391597**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.00000 %
Purity(HPLC)	99-100 (%)	99.24000 %
Specific Rotation [α] ₂₀ /D(c=6 in H ₂ O)	-29--27.5 (°)	-27.89400 °
Loss on drying	0-0.2 (%)	0.11995 %
Appearance (T108221)	White to off-white powder, needles and/or Chunks	White to off-white powder, needles and/or Chunks
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager