

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-12 16:16:59

Date of Next Testing: 2028-04-11 16:16:59

Product Name: **L-Threonine**

CAS Number: 72-19-5

Specifications & Purity: 99%

Lot #: D2409289

SKU #: **T108221****Analysis:** **334775**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.69400 %
Ignition Residue	0-0.1 (%)	0.00 %
Specific Rotation [a] ₂₀ /D(c=6 in H ₂ O)	-29--27.5 (°)	-27.51°
Loss on drying	0-0.2 (%)	0.01 %
Appearance (T108221)	White to off-white powder, needles and/or Chunks	White to off-white powder, needles and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(5% in H ₂ O)	pass	Pass

John Su
QA & QC Manager