

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-10 09:18:16

Date of Next Testing: 2028-05-09 09:18:16

Product Name: **L-Threonine**

CAS Number: 72-19-5

Specifications & Purity: 99%

Lot #: D2424428

SKU #: **T108221****Analysis:** **346697**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.55100 %
Specific Rotation [a] ₂₀ /D(c=6 in H ₂ O)	-29--27.5 (°)	-28.10°
Loss on drying	0-0.2 (%)	0.13 %
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