

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-01-26 11:21:16
Date of Next Testing:	2028-01-25 11:21:16
Product Name:	L-Threonine
CAS Number:	72-19-5
Specifications & Purity:	99%
Lot #:	A2417099
SKU #	T108221
Version	1
Analysis #:	127691
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.52200 %
Carbon by Elemental Analysis	39.6-41.1 (%)	40.62 %
Specific Rotation [α] ₂₀ /D(c=6 in H ₂ O)	-29--27.5 (°)	-28.33 °
Nitrogen by Elemental Analysis	11.5-13.1 (%)	12.65 %
Loss on drying	0-0.2 (%)	0.11 %
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