

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-26 12:35:28  
Date of Next Testing: 2029-07-25 12:35:28  
Product Name: **L-Threonine**  
CAS Number: 72-19-5  
Specifications & Purity: Moligand™, ≥99%  
Lot #: G2515508  
SKU #: **T108221**  
Version: **1**  
Analysis #: **533898**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.00000 %
Purity(HPLC)	99-100 (%)	100.00000 %
Specific Rotation [α] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)	-29--27.5 (°)	-28.51600 °
Loss on drying	0-0.2 (%)	0.05719 %
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 <sub>2</sub> O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager