

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 14:04:35

Date of Next Testing: 2028-04-22 14:04:35

Product Name: **L-Threonine**

CAS Number: 72-19-5

Specifications &amp; Purity: 99%

Lot #: D2422452

SKU #: **T108221****Analysis:** **335060**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.02 %
Purity(HPLC)	99-100 (%)	99.51200 %
Specific Rotation [a] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)	-29--27.5 (°)	-27.97 °
Loss on drying	0-0.2 (%)	0.08 %
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