

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-03 09:49:11
 Date of Next Testing: 2028-04-02 09:49:11
 Product Name: **DL-Threonine**
 CAS Number: 80-68-2
 Specifications & Purity: BioReagent, for cell culture, for insect cell culture
 Lot #: C2528372
 SKU #: **D434240**
 Version: **1**
 Analysis #: **485880**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39.5-41.1 (%)	40.30000 %
Nitrogen by Elemental Analysis	11.3-12.3 (%)	11.70000 %
Purity(HPLC area)	98.5-100 (%)	100.00000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-2~2 (°)	1.10000 °
Appearance(D434240)	White to Off White Powder	White to Off White Powder
Solubility(50 mg/mL, H ₂ O , Colorless Clear Liquid)	Pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Insect Cell Test	Pass	Pass



John Su
QA & QC Manager