

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 14:14:27

Date of Next Testing: 2027-06-20 14:14:27

Product Name: **D-tert-Leucine**

CAS Number: 26782-71-8

Specifications & Purity: $\geq 98\%$

Lot #: F2316958

SKU #: **D115672**Version: **1**Analysis #: **111718**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.36200 %
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	8-10 (°)	8.80000 °
Enantiometric Excess	98-100 (%)	99.36000 %
Appearance (D115672)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager