

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 11:04:45

Date of Next Testing: 2028-10-10 11:04:45

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

CAS Number: 26782-71-8

Specifications & Purity: $\geq 98\%$

Lot #: C1320061

SKU #: **D115672**

Version: **1**

Analysis #: **417529**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.67000 %
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	8-10 (°)	8.20000 °
Enantiometric Excess	98-100 (%)	98.05800 %
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