

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 15:00:25

Date of Next Testing: 2027-06-20 15:00:25

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

CAS Number: 26782-71-8

Specifications & Purity: $\geq 98\%$

Lot #: F2316952

SKU #: **D115672**

Version: **1**

Analysis #: **098203**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	8-10 (°)	9.57200°
Enantiometric Excess	98-100 (%)	98.70000 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	100.39000 %
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