

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-03 11:07:55
 Date of Next Testing: 2026-08-02 11:07:55
 Product Name: **D-tert-Leucine**
 CAS Number: 26782-71-8
 Specifications & Purity: $\geq 98\%$
 Lot #: G2228349
 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 ($^{\circ}$)	9.57200 $^{\circ}$
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