

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-26 09:42:24
 Date of Next Testing: 2027-07-25 09:42:24
 Product Name: **N-(tert-Butoxycarbonyl)-D-threonine**
 CAS Number: 55674-67-4
 Specifications & Purity: $\geq 98\%$
 Lot #: G2320340
 SKU #: **B111408**
 Version: **2**
 Analysis #: **238087**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.83100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in AcOH})$	8-11 ($^{\circ}$)	8.24900 $^{\circ}$
Purity(Neutralization titration)	97.5-102.5 (%)	97.67000 %
Appearance (B111408)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager