

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-21 16:21:00

Date of Next Testing: 2029-10-20 16:21:00

Product Name: **Boc-Thr(tBu)-OH**

CAS Number: 13734-40-2

Specifications & Purity: $\geq 99\%$

Lot #: B1414028

SKU #: **B116731**

Version: **0**

Analysis #: **590025**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC) (sum of enantiomers)	99-100 (%)	99.26000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in DMF})$	3.1-4.1 (°)	3.35000 °
Oxygen by Elemental Analysis	9.1-9.6 (%)	9.12000 %
Carbon by Elemental Analysis	55.5-56.7 (%)	55.68000 %
Appearance (B116731)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager