

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 10:28:54

Date of Next Testing: 2027-11-01 10:28:54

Product Name: **N-(tert-Butoxycarbonyl)-L-leucine Monohydrate**

CAS Number: 200936-87-4

Specifications & Purity: $\geq 99\%$

Lot #: C1628200

SKU #: **B105467**

Version: **0**

Analysis #: **291271**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in AcOH})}$	-26--24 (°)	-25.02000 °
Purity(HPLC)	99-100 (%)	99.10000 %
Water by Karl Fischer	6-8 (%)	7.11000 %
Melting point	85-88 (°C)	86.51000 °C
Appearance (B105467)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH	almost transparency	almost transparency



John Su
QA & QC Manager