

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-07 15:19:59  
Date of Next Testing: 2030-04-06 15:19:59  
Product Name: **N-(tert-Butoxycarbonyl)-L-leucine Monohydrate**  
CAS Number: 200936-87-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: F2225029  
SKU #: **B105467**  
Version: **0**  
Analysis #: **684669**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in AcOH})}$	-26--24 (°)	-24.60000 °
Purity(HPLC)	99-100 (%)	99.91000 %
Water by Karl Fischer	6-8 (%)	7.94600 %
Melting point	85-88 (°C)	87.90000 °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