

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-07 10:13:45

Date of Next Testing: 2027-09-06 10:13:45

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

CAS Number: 200936-87-4

Specifications & Purity: $\geq 98\%$

Lot #: L1903142

SKU #: **B182554**

Version: **0**

Analysis #: **272481**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH})$	-26--24 (°)	-24.67500°
Melting point	85-88 (°C)	87.00000 °C
Water by Karl Fischer	6-8 (%)	7.74010 %
Purity(HPLC)	98-100 (%)	98.06400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager