

Certificate of Analysis

Date of Testing: 2023-06-06 17:43:23

Date of Next Testing: 2027-06-05 17:43:23

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

CAS Number: 200936-87-4

Specifications & Purity: 98%

Lot #: F2301389

SKU #: **B182554**

Analysis: **236394**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH})$	-26--24 (°)	-24.67°
Melting point	85-88 (°C)	87.01000 °C
Water by Karl Fischer	6-8 (%)	7.74 %
Purity(HPLC)	98-100 (%)	98.06600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager