

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-25 16:44:48
 Date of Next Testing: 2028-12-24 16:44:48
 Product Name: **N-Boc-4-oxo-L-proline methyl ester**
 CAS Number: 102195-80-2
 Specifications & Purity: $\geq 97\%$
 Lot #: L2418297
 SKU #: **B103084**
 Version: **1**
 Analysis #: **073748**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	35-46 (°C)	45.05000 °C
Specific Rotation	10-17 (°)	15.29200 °
[α] _{20/D} (c=1 in CHCL ₃)		
Purity(HPLC)	97-100 (%)	97.18000 %
Appearance (B103084)	white to Pale yellow to yellow to brown Solid, Powder, Crystals and/or Chunks	white to Pale yellow to yellow to brown Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager