

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-05 19:05:54
Date of Next Testing: 2028-03-04 19:05:54
Product Name: **N-Cbz-L-4-Hydroxyproline methyl ester**
CAS Number: 64187-48-0
Specifications & Purity: 95%
Lot #: F2011020
SKU #: **H115890**
Analysis: 326344
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	1.312-1.314	1.31
Specific Rotation [α] ₂₀ /D(c=1.028g/100ml in CHCL ₃)	-71--66 (°)	-68.91 °
Purity(HPLC)	95-100 (%)	97.61000%
Appearance (H115890)	colorless viscous liquid	colorless viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager