

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-21 13:23:13
Date of Next Testing: 2026-03-20 13:23:13
Product Name: **N-Cbz-L-4-Hydroxyproline methyl ester**
CAS Number: 64187-48-0
Specifications & Purity: 95%
Lot #: C2211564
SKU #: **H115890**
Analysis: 068769
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	1.312-1.314	1.31
Purity(HPLC)	95-100 (%)	98.00600%
Specific Rotation [a] ₂₀ /D(c=1.028g/100ml in CHCL ₃)	-71--66 (°)	-66.01°
Appearance (H115890)	colorless viscous liquid	colorless viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager