

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-22 16:38:31
Date of Next Testing: 2025-12-21 16:38:31
Product Name: **N-Cbz-cis-4-Hydroxy-L-proline methyl ester**
CAS Number: 57653-35-7
Specifications & Purity: 97%
Lot #: L2214333
SKU #: **I171068**
Analysis: 153719
Storage Temperature: Room temperature

Parameter	Limit Values	Result
specific rotation [α] _{20/D} (C=1%, in CDC13)	-24~-16 (°)	-20.04100°
Purity(GC)	97-100 (%)	98.40%
Appearance(I171068)	White to Off-White Powder or Crystalline Powder	White to Off-White Powder or Crystalline Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager