

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 10:15:10
Date of Next Testing: 2027-08-22 10:15:10
Product Name: **N-Cbz-cis-4-Hydroxy-L-proline methyl ester**
CAS Number: 57653-35-7
Specifications & Purity: 97%
Lot #: K2113257
SKU #: **I171068**
Version: **2**
Analysis #: **402546**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
specific rotation $[\alpha]_{20/D}(C=1\%, \text{in CDCl}_3)$	-24--16 (°)	-21.20000 °
Purity(GC)	97-100 (%)	98.30 %
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