

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-25 14:13:22
Date of Next Testing: 2025-05-24 14:13:22
Product Name: **L-Proline methyl ester hydrochloride**
CAS Number: 2133-40-6
Specifications & Purity: 98%
Lot #: E23161244
SKU #: **P109007**
Analysis: 198652
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76500 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-32.90°
Appearance (P109007)	White to Off-White or Grey Powder or Chunks	White to Off-White or Grey Powder or Chunks
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager