

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-15 15:07:33
Date of Next Testing: 2026-10-15 15:07:33
Product Name: **L-Proline methyl ester hydrochloride**
CAS Number: 2133-40-6
Specifications & Purity: $\geq 98\%$
Lot #: E1924139
SKU #: **P109007**
Version: **2**
Analysis #: **420312**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	-33--30 (°)	-31.20°
Purity(HPLC)	98-100 (%)	99.10000 %
Appearance (P109007)	White to Off-White or Grey Powder or Chunks	White to Off-White or Grey Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	conforms to structure	Conforms to Structure



John Su
QA & QC Manager