

Certificate of Analysis

Date of Testing: 2023-06-07 17:02:37
Date of Next Testing: 2025-06-06 17:02:37
Product Name: **L-Proline methyl ester hydrochloride**
CAS Number: 2133-40-6
Specifications & Purity: 98%
Lot #: J1931054
SKU #: **P109007**
Analysis: 237061
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-31.36°
Purity(HPLC)	98-100 (%)	99.05800 %
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