

Certificate of Analysis

Date of Testing: 2022-01-25 16:26:19
Date of Next Testing: 2026-01-24 16:26:19
Product Name: **D-Serine methyl ester hydrochloride**
CAS Number: 5874-57-7
Specifications & Purity: 98%
Lot #: C1821032
SKU #: **S101064**
Analysis: **070260**

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in MeOH)	-5.5--4.5 (°)	-5.03°
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.47%
Melting point	163-165 (°C)	163.16100 °C
Appearance (S101064)	white powder and/or chunks	white powder and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager