

Certificate of Analysis

Date of Testing: 2024-02-26 10:31:04

Date of Next Testing: 2028-02-25 10:31:04

Product Name: **L-Serine methyl ester hydrochloride**

CAS Number: 5680-80-8

Specifications & Purity: 98%

Lot #: D2015022

SKU #: **S109008**

Analysis: **323413**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in MeOH)	2-5 (°)	4.80 °
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.28 %
Melting point	160-165 (°C)	161.15000 °C
Appearance (S109008)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager