

Certificate of Analysis

Date of Testing: 2023-06-05 14:08:03

Date of Next Testing: 2027-06-04 14:08:03

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

CAS Number: 5619-04-5

Specifications & Purity: 98%

Lot #: E23261006

SKU #: **S117181**

Analysis: **218508**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	134-136 (°C)	135.71000 °C
Purity(Titration by AgNO3)	97.5-102.5 (%)	102.21 %
Appearance (S117181)	White to Light Yellow Powder or Chunks	White to Light Yellow Powder or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager