

Certificate of Analysis

Date of Testing: 2024-07-01 12:05:09

Date of Next Testing: 2028-06-30 12:05:09

Product Name: **DL-Serine**

CAS Number: 302-84-1

Specifications & Purity: 98%

Lot #: F2426218

SKU #: **S108219**

Version: **0**

Analysis #: **108718**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	13-13.6 (%)	13.15 %
Carbon by Elemental Analysis	33.6-35 (%)	34.13 %
Purity(Nonaqueous Titration)	98-100 (%)	99.79 %
Appearance (S108219)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear Colorless ,5 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager