

Certificate of Analysis

Date of Testing: 2022-11-11 19:03:56
Date of Next Testing: 2026-11-10 19:03:56
Product Name: **DL-Serine**
CAS Number: 302-84-1
Specifications & Purity: for cell culture, for insect cell culture, $\geq 98\%$
Lot #: K2209122
SKU #: **S118658**
Analysis: **155178**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
Appearance (S118658)	white powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility,50 mg/mL, H2O	Colorless Clear	Colorless Clear



John Su
QA & QC Manager