

Certificate of Analysis

Date of Testing: 2023-03-29 22:31:19

Date of Next Testing: 2027-03-28 22:31:19

Product Name: **DL-Serine**

CAS Number: 302-84-1

Specifications & Purity: for cell culture, for insect cell culture, $\geq 98\%$

Lot #: C2323071

SKU #: **S118658**

Analysis: **205306**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.79000 %
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