

Certificate of Analysis

Date of Testing: 2023-01-11 15:39:47
Date of Next Testing: 2025-01-10 15:39:47
Product Name: **L-Serine Benzyl Ester Hydrochloride**
CAS Number: 60022-62-0
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: E1528153
SKU #: **S136204**
Analysis: **177745**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	-13--10 ($^{\circ}$)	-12.20 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.10000 %
Appearance (S136204)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , clear colorless solution at 50 mg/ml	pass	Pass



John Su
QA & QC Manager