

## Certificate of Analysis

Date of Testing: 2024-05-14 19:19:27  
Date of Next Testing: 2026-05-14 19:19:27  
Product Name: **L-Serine Benzyl Ester Hydrochloride**  
CAS Number: 60022-62-0  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: G2228914  
SKU #: **S136204**  
**Analysis:** **357934**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	-13--10 ( $^{\circ}$ )	-11.18 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.29500 %
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