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Certificate of Analysis

Catalogue Number	06692
Lot Number	001529-504004
Product	L-Serine benzyl ester hydrochloride L-Ser-OBzl•HCl L-β-Hydroxyalanine benzyl ester hydrochloride
CAS Number	60022-62-0
Molecular Formula	C ₁₀ H ₁₃ O ₃ N•HCl
Molecular Weight	231.58

Appearance	Off-white powder
Solubility	Colorless solution (5% in Methanol)
Melting Point	170 °C
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethylacetate/n-Butanol/Acetic acid/Water (2:1:1:1)
Optical Rotation	[α] _D ²⁵ = -11.3° (C=1 in H ₂ O)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Other Enantiomer	< 0.1%
Purity by TLC	> 99%
Storage	Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager