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Certificate of Analysis

Catalogue Number	14310
Product	Acetyl-O-benzyl-L-serine
Lot Number	2351 Ac-L-Ser(Bzl)-OH
Molecular Formula	C ₁₂ H ₁₅ NO ₄
Molecular Weight	237.25
Appearance	White crystals
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Melting Point	106-108 °C
Water Content (Karl Fisher)	0.05%
Kaiser Test	Negative
Optical Rotation	[α] _D ²⁰ = +23.7° (C=1 in DMF)
Residual Solvents	Not detected
Assay	99%
Purity by HPLC	(220 nm) = 99.9%
Purity by TLC	> 99%
Storage	Store at 0-8 °C
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