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Certificate of Analysis

Catalogue Number	01960
Product	DL-Serine methyl ester hydrochloride
Lot Number	000424-200412-16223
	DL-Ser-OMe•HCl
CAS Number	5619-04-5
Molecular Formula	C ₄ H ₉ O ₃ N•HCl
Molecular Weight	155.58

Appearance	White crystals
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	135.3 - 136.0 °C
Water Content (Karl Fisher)	0.10%
Optical Rotation	[α] _D ²⁰ = 0 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.17% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.86%
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