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Certificate of Analysis

Catalogue Number	02890
Lot Number	000424-140110-10823
Product	L-Alanine methyl ester hydrochloride

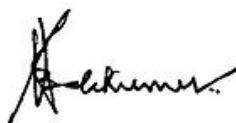
L-Ala-OMe•HCl

CAS Number	2491-20-5
Molecular Formula	C ₄ H ₉ NO ₂ •HCl

Molecular Weight	139.6
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml MeOH)
Melting Point	100.0-107.0 °C
Water Content (Karl Fisher)	0.055%
Optical Rotation	$[\alpha]_D^{20} = +9.4^\circ$ (C=1% in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.51%
¹H NMR	Conforms to structure
Purity by HPLC	99.38%
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