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Certificate of Analysis

Catalogue Number	03095
Lot Number	000424-210520-11031
Product	L-Lysine methyl ester dihydrochloride L-Lys-OMe•2HCl
CAS Number	26348-70-9
Molecular Formula	C ₇ H ₁₆ N ₂ O ₂ •2HCl
Molecular Weight	233.1

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL Water)
Melting Point	194.1 - 195.3 °C
Water Content (Karl Fisher)	0.32%
Optical Rotation	[α] _D ²⁰ = 22.9 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to Standard
Loss on Drying	0.28% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.92%
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