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Certificate of Analysis

Catalogue Number	03105
Lot Number	000424-220921-10828
Product	L-Methionine methyl ester hydrochloride L-Met-OMe•HCl
CAS Number	2491-18-1
Molecular Formula	C ₆ H ₁₃ NO ₂ S•HCl
Molecular Weight	199.7

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL water)
Melting Point	145.5 - 146.5 °C
Water Content (Karl Fisher)	1.22%
Optical Rotation	[α] _D ²⁰ = 25.3 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.21% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.45%
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