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Certificate of Analysis

Catalogue Number	03066
Lot Number	000424-130308-10921
Product	L-Glutamic acid dimethyl ester hydrochloride L-Glu(OMe)-OMe•HCl
CAS Number	23150-65-4
Molecular Formula	C ₇ H ₁₃ NO ₄ •HCl
Molecular Weight	211.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	94.1-94.7 °C
Water Content (Karl Fisher)	1.8%
Optical Rotation	[α] _D ²⁰ = +25.5° (C=5 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.21% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.05%
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