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Certificate of Analysis

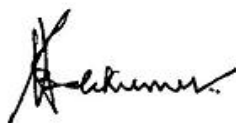
Catalogue Number	05943
Lot Number	120104-11045
Product	D-Aspartic acid dimethyl ester hydrochloride

D-Asp(OMe)-OMe•HCl

CAS Number	69630-50-8
Molecular Formula	C ₆ H ₁₁ NO ₄ •HCl
Molecular Weight	197.66

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL MeOH)
Melting Point	116.5-117.0 °C
Water Content (Karl Fisher)	0.06%
Optical Rotation	[α] _D ²⁰ = -14.5° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.18% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.33%
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