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Certificate of Analysis

Catalogue Number	06034
Product	DL-Aspartic acid dimethyl ester hydrochloride
Lot Number	000424-131215-11049 DL-Asp(OMe)-OMe•HCl
CAS Number	14358-33-9
Molecular Formula	C ₆ H ₁₁ NO ₄ •HCl
Molecular Weight	197.66

Appearance	White crystalline powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	116.2-117.4 °C
Water Content (Karl Fisher)	0.07%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.27% (50 °C, 2-hour)
¹H NMR	Conforms to structure
Purity by HPLC	98.8%
Purity by TLC	> 98%
Storage	Store at 0-8°C

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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