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Certificate of Analysis

Catalogue Number	04420
Lot Number	000424-111127-11050
Product	L-Aspartic acid diethyl ester hydrochloride

L-Asp(OEt)-OEt•HCl

CAS Number	16115-68-7
Molecular Formula	C ₈ H ₁₅ NO ₄ •HCl
Molecular Weight	225.62

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	108.9-109.7 °C
Water Content (Karl Fisher)	0.56%
Optical Rotation	[α] _D ²⁰ = +6.8° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.01% (50 °C, 2 hour)
Purity by HPLC	99.62%
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