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Certificate of Analysis

Catalogue Number	12090
Lot Number	000424-181107-17022
Product	L-Ornithine ethyl ester dihydrochloride L-Orn-OEt•2HCl
CAS Number	84772-29-2
Molecular Formula	C ₇ H ₁₆ N ₂ O ₂ •2HCl
Molecular Weight	233.19

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml MeOH)
Melting Point	172.4 - 173.8 °C
Water Content (Karl Fisher)	0.44%
Optical Rotation	[α] _D ²⁰ = + 17.6 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.14% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.54%
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