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Certificate of Analysis

Catalogue Number	16306
Lot Number	120227-22384
Product	L-Norvaline ethyl ester hydrochloride

L-Nva-OEt•HCl

L-2-Aminovaleric acid ethyl ester hydrochloride

CAS Number	40918-51-2
Molecular Formula	C ₇ H ₁₅ NO ₂ • HCl
Molecular Weight	181.66

Appearance	White powder
Solubility	Clear solution (0.3g in 2 mL H ₂ O)
Melting Point	117.3-117.8 °C
Water Content (Karl Fisher)	0.12%
Optical Rotation	[α] _D ²⁰ = +7.9 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.06% (55 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.8%
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