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Certificate of Analysis

Catalogue Number	03444
Product	L-Valine benzyl ester hydrochloride
Lot Number	000424-131118-13217 L-Val-OBzl•HCl
CAS Number	2462-34-2
Molecular Formula	C ₁₂ H ₁₇ NO ₂ •HCl
Molecular Weight	243.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL H ₂ O)
Melting Point	139.5-140.4 °C
Water Content (Karl Fisher)	0.013%
Optical Rotation	[α] _D ²⁰ = -9.6 ° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.05% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.90%
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