

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07179
Product	L-Homoleucine
Lot Number	000424-180305-23142
	L-HomoLeu-OH
CAS Number	31872-98-7
Molecular Formula	C ₇ H ₁₅ NO ₂
Molecular Weight	145.20

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 2N HCl)
Melting Point	255.0 - 256.5 °C
Optical Rotation	[α] _D ²⁰ = 20.6 ° (C=2 in 2N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.5% (110 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.96% (ee)
D-Enantiomer	0.0395%
Purity by HPLC	99.49%
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