

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	31966
Lot Number	000424-180510-23125
Product	D-β-Leucine hydrochloride

D-β-Homovaline hydrochloride

CAS Number	402587-64-8
Molecular Formula	C ₆ H ₁₃ NO ₂ •HCl
Molecular Weight	167.64

Appearance	White to off-white solid
Optical Rotation	[α] _D ²⁰ = -29.1 ° (C=1 in water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Storage	Store at 0-8 °C

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager