

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03085
Lot Number	000424-111107-16046
Product	L-Isoleucine <i>tert</i>-butyl ester hydrochloride L-Ile-OtBu•HCl
CAS Number	69320-89-4
Molecular Formula	C ₁₀ H ₂₁ NO ₂ •HCl
Molecular Weight	223.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL of DMF)
Melting Point	149.8-150.2 °C
Water Content (Karl Fisher)	1.57%
Optical Rotation	[α] _D ²⁰ = +33.1° (C=1 in MeOH)
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.62% (60 °C, 2h)
Purity by HPLC	99.37%
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