

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	11603
Product	Boc-L-isoleucine
Lot Number	000424-141223-30901 Boc-L-Ile-OH
CAS Number	13139-16-7
Molecular Formula	C ₁₁ H ₂₁ NO ₄
Molecular Weight	231.3
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL of water)
Melting Point	69-73 °C
Water Content (Karl Fisher)	3.758%
Optical Rotation	[α] _D ²⁰ = +2.81° (C=2 in AcOH), +4.21 (C=1, EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.70%
Purity by TLC	> 98%
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