

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02648
Lot Number	000424-151110-30105
Product	Boc-N-methyl-L-alanine
	Boc-N-Me-L-Ala-OH
CAS Number	16948-16-6
Molecular Formula	C ₉ H ₁₇ NO ₄
Molecular Weight	203.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	90.9-91.0°C
Water Content (Karl Fisher)	0.085%
Optical Rotation	[α] _D ²⁰ = -30° (C=1 in EtOH)
Infrared Spectrum	Conforms to standard
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.62%
¹H NMR	Conforms to standard
D-Enantiomer	0.0761%
Purity by HPLC	99.65%
Chiral Purity	99.85% (ee) 0.0761% D-enantiomer
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