

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	11899
Product	Boc-L-valine amide
Lot Number	000424-140911-31910 Boc-L-Val-NH ₂
CAS Number	35150-08-4
Molecular Formula	C ₁₀ H ₂₀ N ₂ O ₃
Molecular Weight	216.28
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Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL MeOH)
Melting Point	158.1-159.0 °C
Water Content (Karl Fisher)	0.143%
Optical Rotation	[α] _D ²⁰ = +20.2° (C=2% in Acetone)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.47% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.53%
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