

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	02657
Lot Number	000424-180915-35402
Product	Fmoc-N-methyl-L-isoleucine Fmoc-N-Me-L-Ile-OH
CAS Number	138775-22-1
Molecular Formula	C ₂₂ H ₂₅ NO ₄
Molecular Weight	367.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	171.0 - 171.6 °C
Water Content (Karl Fisher)	0.36%
Optical Rotation	[α] _D ²⁰ = -60.8 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.31% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.52%
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