

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	48172
Lot Number	000424-210104-21750
Product	Fmoc-D-His(3-Me)-OH
CAS Number	2002499-17-2
Molecular Formula	C ₂₂ H ₂₁ N ₃ O ₄
Molecular Weight	391.42

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL 1N HCl)
Melting Point	163.8 - 166.8 °C
Water Content (Karl Fisher)	0.1%
Optical Rotation	[α] _D ²⁰ = 5.2 ° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.36% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.15%
Storage	Store at RT
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