

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05700
Lot Number	000424-210110-21608
Product	Fmoc-D-homocitrulline Fmoc-D-HomoCit-OH
CAS Number	201485-38-3
Molecular Formula	C ₂₂ H ₂₅ N ₃ O ₅
Molecular Weight	411.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	170.4 - 171.9 °C
Water Content (Karl Fisher)	0.15%
Optical Rotation	[α] _D ²⁰ = 13.8 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.2% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.02%
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