

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	04122
Lot Number	000424-171010-23742
Product	Fmoc-3,4-difluoro-D-phenylalanine Fmoc-D-Phe(3,4-DiF)-OH Fmoc-3,4-difluoro-D-Phe-OH
CAS Number	198545-59-4
Molecular Formula	C ₂₄ H ₁₉ F ₂ NO ₄
Molecular Weight	423.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	1.58%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.24% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.63%
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