

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02461
Lot Number	000424-121024-35901
Product	N^α-Fmoc-L-tryptophan
	Fmoc-L-Trp-OH
CAS Number	35737-15-6
Molecular Formula	C ₂₆ H ₂₂ N ₂ O ₄
Molecular Weight	426.5

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 ml DMF)
Melting Point	184.3-186.6 °C
Water Content (Karl Fisher)	0.21%
Kaiser Test	< 0.05%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.51% (70 °C for 2 hours)
¹H NMR	Conforms to structure
D-Enantiomer	Not detectable
Purity by HPLC	99.96%
Purity by TLC	98%
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