

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05750
Product	Fmoc-4-(Boc-amino)-D-phenylalanine
Lot Number	000424-170716-20318 Fmoc-D-Phe(4-NHBoc)-OH
CAS Number	214750-77-3
Molecular Formula	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight	502.6

Appearance	White powder
Solubility	Clear solution (0.25 gram in 25ml MeOH)
Melting Point	157.3-158.1 °C
Water Content (Karl Fisher)	1.471%
Optical Rotation	[α] ²⁰ _D = - 13.3 °(C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.16% (70 °C, 2h)
¹H NMR	Conforms to structure
L-Enantiomer	Not detectable
Purity by HPLC	99.59%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 05750

Lot Number: 000424-170716-20318

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager