

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29917
Product	Fmoc-N^ω-(2,2,4,6,7-pentamethyl-
Lot Number	002765-09221061601
	Fmoc-D-HomoArg(Pbf)-OH
CAS Number	1313054-60-2
Molecular Formula	C ₃₅ H ₄₂ N ₄ O ₇ S
Molecular Weight	662.8
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Appearance	White powder
Solubility	Clear solution (1 g in 10 mL DMF)
Melting Point	98.7 - 103.0 °C
Water Content (Karl Fisher)	0.87%
Optical Rotation	[α] _D ²⁰ = 6.8 ° (C=1 in DMF)
Assay by titration	94.42%
Chiral HPLC	99.98% (ee)
L-Enantiomer	0.02%
Purity by HPLC	98.99%
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