Chem-Impex International, Inc.

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	29661
Lot Number	000129-180710-1
Product	(2R,4R)-Fmoc-4-amino-1-Boc-pyrrolidine-2-
CAS Number	1018332-24-5
Molecular Formula	$C_{25}H_{28}N_2O_6$
Molecular Weight	452.51
Appearance	White crystalline powder
Optical Rotation	$[a]_{D}^{20} = 20.8 \circ (C=1 \text{ in DMF})$
Assay by titration	99%
Purity by HPLC	99.8%
Purity by TLC	>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

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Bala Kumar Quality Control Manager