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 Product	14493 Fmoc-D-Dbu(Boc)-OH
Lot Number	000630-14494
	(S) - N^{β} -Fmoc- N^{γ} -Boc-3,4-diaminobutyric acid
CAS Number	1310680-44-4
Molecular Formula	$C_{24}H_{28}N_2O_6$
Molecular Weight	440.5
Appearance	White powder
Optical Rotation	[a] _D ²⁰ = - 8.0 ° (C=1 in DMF)
Analysis by Mass Spectra	$[M - H]^{-} = 438.9$
Purity by HPLC	98.5%
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