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 Lot Number Product	16239 000129-05348 Z-L-Dab(Fmoc)-OH		
			N^{α} -Z- N^{γ} -Fmoc-L-2,4-diaminobutyric acid
		CAS Number	151132-82-0
Molecular Formula	$C_{27}H_{26}N_2O_6$		
Molecular Weight	474.5		
Appearance	White powder		
Melting Point	141-144 °C		
Optical Rotation	$[a]_D^{20} = -14.8^{\circ} (C=1 \text{ in DMF})$		
Assay by titration	98.4%		
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