Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37075
Lot Number	000129-190048
Product	Mal-L-Dap(Boc)-OPfp
	N^{α} -Maleimido-Nb-Boc-L-2,3-diaminopropionic acid
CAS Number	1887132-90-2
Molecular Formula	$C_{18}H_{15}F_5N_2O_6$
Molecular Weight	450.3
Appearance	White crystalline powder
Melting Point	111 - 113 °C
Optical Rotation	$[a]^{20}_{D} = -49 \circ (C=1 \text{ in MeOH})$
Purity by HPLC	99.5%
Purity by TLC	> 99%
Storage	Store at 2 - 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