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	29618 000630-22089 (<i>R</i>)-Boc-3-amino-4,4,4-trifluoro-butyric acid
Molecular Formula	$C_9H_{14}F_3NO_4$
Molecular Weight	257.21
Appearance	White powder
Optical Rotation	$[a]_D{}^{20} = -11.5 \circ (C=1 \text{ in MeOH})$
Analysis by Mass Spectra	$[M+H]^{+} = 257.7$
Purity by HPLC	98.8%
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