## 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	29119 000630-32370 ( <b>2</b> <i>S</i> <b>, 4</b> <i>S</i> <b>)-</b> <i>N</i> <b>-Boc-4-trifluoromethylproline</b>
	(2 <i>S</i> ,4 <i>S</i> )-Boc-4-trifluoromethyl-pyrrolidine-2-carboxylic acid
CAS Number	470482-41-8
Molecular Formula	$C_{11}H_{16}F_{3}NO_{4}$
Molecular Weight	283.24
Appearance	White powder
	128.8 °C
Melting Point	120.0 C
Melting Point Optical Rotation	$[a]_D^{20} = -70.4 \circ (C=1 \text{ in MeOH})$
C	
<b>Optical Rotation</b>	[a] <sub>D</sub> <sup>20</sup> = - 70.4 ° (C=1 in MeOH)
Optical Rotation Analysis by Mass Spectra	[a] <sub>D</sub> <sup>20</sup> = - 70.4 ° (C=1 in MeOH) M = 282.7
Optical Rotation Analysis by Mass Spectra Purity by HPLC	[a] <sub>D</sub> <sup>20</sup> = - 70.4 ° (C=1 in MeOH) M = 282.7 98.4%

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

chumer.

Bala Kumar Quality Control Manager