

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	31656
<b>Lot Number</b>	000630-27912
<b>Product</b>	<b>Boc-cis-4-methylthio-Pro-OH</b>  (2S, 4S)-Boc-4-methylthio-pyrrolidine-2-carboxylic acid
<b>CAS Number</b>	188109-89-9
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>19</sub> NO <sub>4</sub> S
<b>Molecular Weight</b>	261.34

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<b>Appearance</b>	Off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -54.5° (C=1 in MeOH)
<b>Analysis by Mass Spectra</b>	M = 261.1
<b>Purity by HPLC</b>	99.8%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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



**Bala Kumar**  
Quality Control Manager