## Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15755
Lot Number	000705-396688
Product	<b>Boc-(S)-α-(4-chlorobenzyl)proline</b>
CAS Number	1217777-96-2
<b>Molecular Formula</b>	$C_{17}H_{22}CINO_4$
Molecular Weight	339.82
Appearance	Yellowish powder
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[a] <sub>D</sub> <sup>25</sup> = -146.7 ° (C=1 in EtOH)
<sup>1</sup> H NMR	Conforms to structure
LCMS	Conforms to standard
<b>Purity by HPLC</b>	100%
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