

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	15475
<b>Lot Number</b>	000705-396675
<b>Product</b>	<b><i>Boc-(S)-<math>\alpha</math>-(4-methylbenzyl)proline</i></b>
<b>CAS Number</b>	706806-63-5
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	319.4

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<b>Appearance</b>	Yellowish powder
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90/8/2) Single spot Chloroform/Methanol/Benzene/Water (8/8/8/1) Single spot Visualized with : UV/Iodine
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -142.6 ° (C=1 in EtOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>LCMS</b>	Conforms to structure
<b>Purity by HPLC</b>	99.6%
<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**