

# *Chem-Impex International, Inc.*

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## *Certificate of Analysis*

<b>Catalogue Number</b>	15904
<b>Lot Number</b>	000705-599884
<b>Product</b>	<b>Boc-(R)-<math>\gamma</math>-(4-chlorobenzyl)-L-proline</b>
<b>CAS Number</b>	959576-35-3
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>22</sub> ClNO <sub>4</sub>
<b>Molecular Weight</b>	339.82
<b>Appearance</b>	White solid
<b>Melting Point</b>	130-136 °C
<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> = -45.6° (C=1 in CH <sub>2</sub> Cl <sub>2</sub> )
<b>Purity by HPLC</b>	96%
<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**