

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15222
<b>Lot Number</b>	002058-20140409
<b>Product</b>	<b>D-β-Homoserine</b>  D-β-HomoSer-OH  (S)-3-Amino-4-hydroxy-butyric acid
<b>CAS Number</b>	16504-57-7
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	119.12

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -17.4° (C=1 in H <sub>2</sub> O)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	> 98%
<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