

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 12753  
**Lot Number** 001328-20170710  
**Product** **L-β-Homoserine**

L-β-HomoSer-OH

**CAS Number** 16504-56-6  
**Molecular Formula** C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>

**Molecular Weight** 119.12

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**Appearance** White powder  
**Optical Rotation** [α]<sub>D</sub><sup>25</sup> = + 19.3 ± 2 ° (C=1, in H<sub>2</sub>O)  
[α]<sub>D</sub><sup>25</sup> = + 17.1 ± 2 ° (C = 0.2, in MeOH)  
**<sup>13</sup>C NMR** Conforms to structure  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** > 98.0% (by Fmoc-derivation)  
**Purity** > 98.0% (NMR)  
**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



**Bala Kumar**  
Quality Control Manager