

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	05123
<b>Lot Number</b>	000201-4644
<b>Product</b>	<b>Boc-O-benzyl-L-homoserine</b>

Boc-L-HomoSer(Bzl)-OH

<b>CAS Number</b>	59408-74-1
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>23</sub> NO <sub>5</sub>

<b>Molecular Weight</b>	309.4
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<b>Appearance</b>	White crystals
<b>Solubility</b>	Clearly soluble (0.5 mmole in 1 mL DMF)
<b>Melting Point</b>	52-55 °C
<b>Kaiser Test</b>	Negative to slightly positive
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Diethyl ether, Hexanes, Dichloromethane, Ethyl acetate
<b>Free Amino Acids</b>	< 0.1%
<b>Assay</b>	99%
<b>Purity by HPLC</b>	99.1%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**