

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	16328
<b>Product</b>	<b><i>O</i>-Benzyl-L-serine methyl ester hydrochloride</b>
<b>Lot Number</b>	000424-140305-16222 L-Ser(Bzl)-OMe•HCl
<b>CAS Number</b>	19525-87-2
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> NO <sub>3</sub> •HCl
<b>Molecular Weight</b>	245.71

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 ml MeOH)
<b>Melting Point</b>	150.8-151.7 °C
<b>Water Content (Karl Fisher)</b>	0.217%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +3.0° (C=3 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.97%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.55%
<b>Storage</b>	Store at 0-8 °C

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**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**