

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03136
<b>Product</b>	<b>D-Serine methyl ester hydrochloride</b>  D-Ser-OMe•HCl  D-β-Hydroxyalanine methyl ester hydrochloride
<b>CAS Number</b>	5874-57-7
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>9</sub> O <sub>3</sub> N•HCl
<b>Molecular Weight</b>	155.58
<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL Methanol)
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0% (70 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**