

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03141
<b>Product</b>	<b>O-tert-Butyl-L-serine methyl ester hydrochloride</b> O-tert-Butyl-L-serine methyl ester hydrochloride
<b>CAS Number</b>	17114-97-5
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub> ·HCl
<b>Molecular Weight</b>	211.7
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<b>Appearance</b>	White powder
<b>Melting Point</b>	157 - 167 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 8.0 ± 1.5 ° (C=1 in CH <sub>3</sub> OH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 1.0%
<b>Assay by titration</b>	97.5 - 102.5%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Free.Ser TLC Analysis : ≤ 1.0%

**For Laboratory Use Only**