

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03152
<b>Product</b>	<b>L-Tryptophan methyl ester hydrochloride</b> L-Trp-OMe•HCl
<b>CAS Number</b>	7524-52-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	254.7

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3g in 2 mL DMF)
<b>Melting Point</b>	200 - 220 °C
<b>Elemental Analysis (Theory)</b>	≤ 5% (C, H, N)
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 18 ± 2 ° (C= 1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1% (105 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**