

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	35188
<b>Lot Number</b>	000424-181121-36120
<b>Product</b>	<b>Fmoc-O-methyl-L-serine</b>  Fmoc-L-Ser(Me)-OH
<b>CAS Number</b>	159610-93-2
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	341.36

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	142.6 - 143.5 °C
<b>Water Content (Karl Fisher)</b>	0.18%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -9.8 ° (C=2 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.10% (70 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.36%
<b>Storage</b>	Store at RT

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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**