

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22689
<b>Product</b>	<b>(3S)-4-Fmoc-1-carboxymethyl-3-methyl-piperazin-2-one</b>
<b>Lot Number</b>	000630-12118
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	394.43
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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> = + 58.3 ° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 395
<b>Purity by HPLC</b>	98%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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