

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03131
<b>Lot Number</b>	130819-10855
<b>Product</b>	<b>D-Proline methyl ester hydrochloride</b>  D-Pro-OMe•HCl  (R)-Pyrrolidine-2-carboxylic acid methyl ester hydrochloride
<b>CAS Number</b>	65365-28-8
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	165.6

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<b>Appearance</b>	White to off-white crystal
<b>Solubility</b>	Clear solution (0.3 gram in 2 ml H <sub>2</sub> O)
<b>Optical Rotation</b>	[α] <sub>D</sub> = + 32.8 ° (C=1 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.29%
<b>Storage</b>	Store at 2-8°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