

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	14287
<b>Lot Number</b>	000424-151222-20315
<b>Product</b>	<b>DL-Homophenylalanine methyl ester hydrochloride</b> DL-HomoPhe-OMe•HCl
<b>CAS Number</b>	85808-33-9
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	229.7

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<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Clear solution (0.3 g in 2mL DMF)
<b>Melting Point</b>	152.6-155.3 °C
<b>Water Content (Karl Fisher)</b>	0.11%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.43% (75 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.63%
<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