

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	03127
<b>Lot Number</b>	000424-150107-21544
<b>Product</b>	<b>L-Phenylglycine methyl ester hydrochloride</b>  L-Phg-OMe•HCl  (S)-(+)-2-Aminophenylacetic acid methyl ester hydrochloride
<b>CAS Number</b>	15028-39-4
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	201.7

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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>	187.3-187.4 °C
<b>Water Content (Karl Fisher)</b>	0.064%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +142.8° (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>	0.60% (75 °C, 2 h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.66%
<b>Storage</b>	Store at 0-8 °C

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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**