

# *Chem-Impex International, Inc.*

Tel: (630) 766-2112

E-mail: [sales@chemimpex.com](mailto:sales@chemimpex.com)

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: [www.chemimpex.com](http://www.chemimpex.com)

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalog Number</b>	12097
<b>Product Name</b>	<b>H-Phe-Phe-OMe·HCl</b>
<b>Lot Number</b>	70026270912
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub> ·HCl
<b>Molecular Weight</b>	362.86
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution in MeOH
<b>Melting Point</b>	> 250 °C (Dec.)
<b>Optical Rotation</b>	$\alpha_D^{25} = +5.5 \pm 1^\circ$ (1% in MeOH)
<b>Purity (HPLC)</b>	98%
<b>HPLC Conditions</b>	
<b>Mobile Phase</b>	Buffer A 0.1% TFA/99.9% H <sub>2</sub> O
	Buffer B 0.1% TFA/4.9% H <sub>2</sub> O/95% CH <sub>3</sub> CN
<b>Gradient</b>	10-60% Buffer B in 20 min
$\lambda$	210 nm
<b>Column</b>	150X4.6mm, 5 $\mu$ m, C <sub>18</sub> Column
<b>Flow Rate</b>	1.2 ml/min
<b>Storage</b>	Store at 0-5 °C.
<b>Remarks</b>	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager