

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	08461
<b>Lot Number</b>	000127-1007587
<b>Product</b>	<b>DL-Phenylalanine amide hydrochloride</b>
	DL-Phe-NH <sub>2</sub> •HCl
<b>CAS Number</b>	108321-83-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O•HCl
<b>Molecular Weight</b>	200.7

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<b>Appearance</b>	White powder
<b>Appearance of Solution</b>	Clear, colorless solution (50 mg/mL in methanol)
<b>Elemental Analysis (Theory)</b>	C = 53.9%; H = 6.5%; N = 14.0%
<b>Elemental Analysis (Found)</b>	C = 53.6%, H = 6.6%, N = 14.1%
<b>TLC System</b>	Chloroform/Methanol/Benzene/Water 8/8/8/1 Chloroform/Methanol/Acetic Acid 32% 5/3/1 n-butanol/Acetic Acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Titration</b>	17.6% (AgNO <sub>3</sub> )
<b>Purity by TLC</b>	> 99%
<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**