

# Chem-Impex International, Inc.

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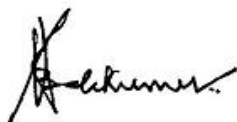
## Certificate of Analysis

<b>Catalogue Number</b>	07063
<b>Lot Number</b>	000424-130829-23152
<b>Product</b>	<b>DL-Homophenylalanine</b>
	DL-HomoPhe-OH
	( <i>RS</i> )-2-Amino-4-phenylbutyric acid
<b>CAS Number</b>	1012-05-1
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>13</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	179.22

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2mL NaOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.24% (105 °C, 2 hour)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	100.15%
<b>Purity by HPLC</b>	99.06%
<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