

# Chem-Impex International, Inc.

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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00243
<b>Lot Number</b>	001192-181112
<b>Product</b>	<b>L-Phenylalanine, FCC, From Non Animal</b> L-Phe-OH
<b>CAS Number</b>	63-91-2
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	165.2

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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	< 20 ppm
<b>pH</b>	5.7
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -34.63°
<b>Loss on Drying</b>	0.12%
<b>Residue On Ignition</b>	0.05%
<b>Assay by titration</b>	99.66%
<b>Grade</b>	FCC
<b>Storage</b>	Store at RT

**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