

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	05110
<b>Lot Number</b>	000424-160104-23510
<b>Product</b>	<b>4-Benzoyl-L-phenylalanine</b> L-Bpa-OH
<b>CAS Number</b>	104504-45-2
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>15</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	269.30

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 gram in 2ml 1N NaOH)
<b>Melting Point</b>	157.7-159.0 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 3.3° (C=1, in 1N NaOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.70% (70°C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.18%
<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