

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	04150
<b>Product</b>	<b>D-4-Iodophenylalanine</b>

<b>Lot Number</b>	000424-140618-20605 D-Phe(4-I)-OH <i>p</i> -Iodo-D-phenylalanine
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<b>CAS Number</b>	62561-75-5
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>10</sub> INO <sub>2</sub>

<b>Molecular Weight</b>	291.1
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<b>Appearance</b>	Grey powder
<b>Melting Point</b>	241.6-242.7 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -26.5° (C=1% in 1N HCl:EtOH (1:1))
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.41%
<b>Chiral Purity</b>	0.0287%
<b>Storage</b>	Store at 0-8 °C

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager