

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**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>	00192
<b>Product</b>	<b>3-Iodo-L-tyrosine</b>
<b>Lot Number</b>	000424-210910-22415
	3-I-L-Tyr-OH
<b>CAS Number</b>	70-78-0
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>10</sub> INO <sub>3</sub>
<b>Molecular Weight</b>	307.09

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear solution (0.3g in 2mL 1N HCl)
<b>Melting Point</b>	195.3 - 195.6 °C
<b>Water Content (Karl Fisher)</b>	3.27%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -2.8 ° (C=5 in 1N HCl)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	2.48% (80 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	100% (ee)
<b>D-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	98.49%
<b>Storage</b>	Store at RT
<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**