

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	11339
<b>Product</b>	<b>H-N-3-Methyl-L-histidine</b>
<b>Lot Number</b>	000424-210831-24594
	L-His( $\pi$ -Me)-OH
<b>CAS Number</b>	368-16-1
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	169.18

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.05 g in 1 mL water)
<b>Melting Point</b>	244.9 - 247.1 °C
<b>Water Content (Karl Fisher)</b>	10.91%
<b>Optical Rotation</b>	$[\alpha]_D^{20} = 9^\circ$ (C=1 in 6M HCl)
<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>	99.88%
<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