

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16223
<b>Lot Number</b>	000129-05970
<b>Product</b>	<b>N<sup>in</sup>-Formyl-L-1,2,3,4-tetrahydro-norharmane-3-carboxylic acid</b> L-Tpi(For)-OH•HCl
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> •HCl
<b>Molecular Weight</b>	280.7

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<b>Appearance</b>	Light brown powder
<b>Optical Rotation</b>	[α] <sub>D</sub> = -90.5° (C=1 in DMSO)
<b>Assay By Titration</b>	98.5%
<b>Purity by HPLC</b>	99.3%
<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