

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	19137
<b>Lot Number</b>	001419-121714-19137
<b>Product</b>	<b>5-Nitro-1,2,3,4-tetrahydroisoquinoline hydrochloride</b>
<b>CAS Number</b>	41959-45-9 (net)
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	214.65

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	250 °C (dec)
<b>Elemental Analysis (Theory)</b>	Cl = 16.54%
<b>Elemental Analysis (Found)</b>	Cl = 16.5%
<b>Water Content (Karl Fisher)</b>	0.28%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99%
<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