

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	20278
<b>Lot Number</b>	080919
<b>Product</b>	<b>4-Chloro-Nicotinic acid ethyl ester hydrochloride</b>
<b>CAS Number</b>	174496-99-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>8</sub> ClNO <sub>2</sub> •HCl
<b>Molecular Weight</b>	222.07

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<b>Appearance</b>	Off-white solid
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	95.87%
<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**