

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	17301
<b>Lot Number</b>	001388-17301-043013
<b>Product</b>	<b>[1,4']Bipiperidinyl-4-carboxylic acid ethyl ester hydrochloride</b> Ethyl 1-(piperidin-4-yl)piperidinecarboxylate hydrochloride
<b>CAS Number</b>	344779-08-4 (net)
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> •2HCl
<b>Molecular Weight</b>	313.26

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<b>Appearance</b>	White powder
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	97.2%
<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