

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	01873
<b>Product</b>	<b>Propionyl-L-carnitine chloride</b>
<b>Lot Number</b>	000547-63561
<b>CAS Number</b>	119793-66-7
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>14</sub> O <sub>4</sub> NCl
<b>Molecular Weight</b>	253.69

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<b>Appearance</b>	Free flowing white crystalline powder
<b>Melting Point</b>	157 °C
<b>Elemental Analysis (Found)</b>	C = 47.33%; H = 7.94%; N = 5.51%; Cl = 13.59%
<b>TLC System</b>	Chloroform/methanol/0.1M sodium acetate (4:4:1) On silica gel G R <sub>f</sub> : 0.20 Visualized with Iodine
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at ≤ -4 °C
<b>Country of Origin</b>	USA
<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