

# 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>	36048
<b>Product</b>	<b>1,3-Didecyl-2-methylimidazolium chloride</b>
<b>Lot Number</b>	003293-001110-7-0046
<b>CAS Number</b>	70862-65-6
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>47</sub> ClN <sub>2</sub>
<b>Molecular Weight</b>	399.1

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<b>Appearance</b>	Yellow to brown solid
<b>Water Content (Karl Fisher)</b>	0.0695%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	2-Methylimidazole : < 1000 ppm
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	99.9% (IC)
<b>Purity</b>	> 98% (NMR)
<b>Storage</b>	Store at RT
<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**