

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	31408
<b>Lot Number</b>	001331-20170701-1
<b>Product</b>	<b>1-Butyl-3-methylimidazolium chloride</b>
	BMIMCl
<b>CAS Number</b>	79917-90-1
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>15</sub> ClN <sub>2</sub>
<b>Molecular Weight</b>	174.67

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	68.5-69.2°C
<b>Water Content (Karl Fisher)</b>	0.17%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.5%
<b>Storage</b>	Store at 2-8 °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