

# Chem-Impex International, Inc.

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Wood Dale, IL 60191

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	39760
<b>Product</b>	<b>1-Butyl-3-methylimidazolium</b>
<b>Lot Number</b>	003276-25340-1
<b>CAS Number</b>	174899-66-2
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>15</sub> F <sub>3</sub> N <sub>2</sub> O <sub>3</sub> S
<b>Molecular Weight</b>	288.29

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<b>Appearance</b>	Slightly yellow clear liquid
<b>Anion</b>	Halides : < 5 ppm
<b>Water Content (Karl Fisher)</b>	< 0.2%
<b>Assay</b>	> 98%
<b>Purity by HPLC</b>	> 98%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Free base : < 0.5%
<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**