

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	23678
<b>Product</b>	<b>3-Benzenesulfonylpropylamine Hydrochloride</b>
<b>Lot Number</b>	001588-23678-100314
<b>CAS Number</b>	98510-51-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>13</sub> NO <sub>2</sub> S•HCl
<b>Molecular Weight</b>	235.73

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	226 °C
<b>Elemental Analysis (Theory)</b>	Cl: 15.06%
<b>Elemental Analysis (Found)</b>	Cl: 14.89%
<b>Water Content (Karl Fisher)</b>	0.68%
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	> 98%
<b>Purity by HPLC</b>	100%
<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