

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	23812
<b>Lot Number</b>	001419-071014-23812
<b>Product</b>	<b>3-(Benzenesulphonyl)pyrrolidine hydrochloride</b>
<b>CAS Number</b>	1003562-01-3
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>13</sub> NO <sub>2</sub> S•HCl
<b>Molecular Weight</b>	247.75

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<b>Appearance</b>	Off-white crystalline powder
<b>Melting Point</b>	217.3 °C
<b>Elemental Analysis (Theory)</b>	Cl = 14.33%
<b>Elemental Analysis (Found)</b>	Cl = 14.33%
<b>Water Content (Karl Fisher)</b>	0.25%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>LCMS</b>	Conforms to structure
<b>Purity</b>	> 95% (NMR)
<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