

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	23297
<b>Lot Number</b>	001588-0595
<b>Product</b>	<b>1-(4-Chloro-benzenesulfonyl)piperidine-4-carboxylic acid</b>
<b>CAS Number</b>	314744-43-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>14</sub> ClNO <sub>4</sub> S
<b>Molecular Weight</b>	303.77

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<b>Appearance</b>	White solid
<b>Melting Point</b>	216 °C
<b>Water Content (Karl Fisher)</b>	0.27%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	99%
<b>LCMS</b>	99%
<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**