

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	11713
<b>Lot Number</b>	000129-12210
<b>Product</b>	<b>Z-1,4-diaminobutane•HCl</b>
	Z-NH(CH <sub>2</sub> ) <sub>4</sub> NH <sub>2</sub> •HCl
<b>CAS Number</b>	18807-73-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	258.75

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	189 - 192 °C
<b>Assay by titration</b>	98.7%
<b>Purity by HPLC</b>	99.9%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C

**Remarks** 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