

# Chem-Impex International, Inc.

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Manufacturing site:

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Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00558
<b>Lot Number</b>	000985-011407980
<b>Product</b>	<b>Piperazine-N,N'-bis(2-ethanesulfonic acid) dipotassium salt</b> 1,4-Piperazinediethanesulfonic acid dipotassium salt  PIPES•2K
<b>CAS Number</b>	108321-27-3
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub> K <sub>2</sub>
<b>Molecular Weight</b>	378.5

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<b>Appearance</b>	White crystalline powder
<b>pH</b>	9.9 (C=1% in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay (anhydrous basis)</b>	99.7%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identity: Passes test for potassium
<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