

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 00313  
**Lot Number** 001135-0130810  
**Product** **Piperazine-N,N'-bis(2-ethanesulfonic acid)**

1,4-Piperazinediethanesulfonic acid

**CAS Number** 5625-37-6  
**Molecular Formula** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>

**Molecular Weight** 302.37

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**Appearance** White powder  
**Solubility** Clear and complete (0.1M in 0.2N NaOH)  
**pKa** 6.9 (at 25 °C)  
**UV Ratios** UV Absorption (0.5 M in 1 N NaOH)  
A<sub>260 nm</sub> : 0.0511  
A<sub>280 nm</sub> : 0.0320  
**Loss on Drying** 0.3%  
**Assay by titration** 99.7% (Dried basis)  
**Storage** Store at RT

**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**