

**Product:** PIPES (Piperazine-N-N'-Bis[2-Ethane-sulfonic acid])  
**Catalog Number:** 73000

**Formula:** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
**Formula Weight:** 302.37  
**CAS Number:** 5625-37-6

**SPECIFICATION**

<u>Test</u>	<u>Specification</u>
Assay .....	NLT 98.5%
Absorbance (0.1M solution in 1.0M NaOH)	
280 nm .....	NMT 0.05
260 nm .....	NMT 0.05
Identification (by IR) .....	conforms to structure
Loss On Drying (110°C) .....	NMT 0.5%
pKa .....	6.3 to 7.3
Residue After Ignition .....	NMT 0.2%
Heavy Metals (as Pb) .....	NMT 10ppm
Chloride (Cl) .....	NMT 0.05%
Sulfate (SO <sub>4</sub> ) .....	NMT 0.05%

**Additional Information**

Storage Conditions ..... 15°C to 30°C