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## Certificate of Analysis

**Product Description:** PIPES, molecular biology reagent\_  
**Catalog Number:** 194838\_  
**Lot:** QR10354\_

**Formula:** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
**CAS #:** 5625-37-6  
**Physical Description:** White Powder

**Formula Weight:** 302.4  
**Storage:** Room Temperature, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#99%	99.8%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: OD260 (0.1M in 0.2M NaOH)	#0.05	0.013
UV/VIS: OD280 (0.1M in 0.2M NaOH)	#0.05	0.008

Solubility: Clear, complete (0.1M in 0.2N NaOH)  
Assay (titration, dried basis): 99.8%  
Pka: 6.9  
Moisture (LOD): 0.1%  
Recommended retest date:07/24/2019

*Christina Marotta*

03/16/2015 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site  
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