



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: PIPES, molecular biology reagent
Catalog Number: 194838
Lot: MR30853

Formula: C₈H₁₈N₂O₆S₂
CAS #: 5625-37-6
Physical Description: White Powder

Formula Weight: 302.4
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#99%	99.7%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: OD260 (0.1M in 0.2M NaOH)	#0.05	0.02
UV/VIS: OD280 (0.1M in 0.2M NaOH)	#0.05	0.014

Solubility (0.1 M in 0.5 N NaOH): Clear and Complete
Pka (25°C): 7.0
Moisture (LOD): 0.1%

Christina Marotta

11/05/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)

