



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: PIPES, molecular biology reagent_
Catalog Number: 194838_
Lot: S4037_

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

Formula Weight: 302.4
Storage: desiccate, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#99%	100.0% (Titration, Dry Basis)
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: OD260 (0.1M in 0.2M NaOH)	#0.05	0.144
UV/VIS: OD280 (0.1M in 0.2M NaOH)	#0.05	0.000

Solubility (0.1M in 0.2M NaOH): Clear, complete

Pka: 6.8

Moisture (Loss on drying): 0.2%

Recommended Retest Date (MM/DD/YYYY): 07/10/2022

04/20/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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<http://www.mpbio.com>

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)