



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: PIPES, molecular biology reagent
Catalog Number: 194838
Lot: SR03006

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	0.012
UV/VIS: OD280 (0.1M in 0.2M NaOH)	#0.05	0.007

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

Pka: 6.8

Moisture (Loss on drying): 0.2%

Recommended Retest Date (MM/DD/YYYY): 07/23/2023

07/24/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document
mailto:biotech@mpbio.com

<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)