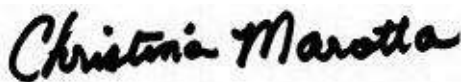


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: HEPPS
Catalog Number: 101927
Lot: Q2110**Formula:** C₉H₂₀N₂O₄S
CAS #: 16052-06-5
Physical Description: White Powder**Formula Weight:** 252.33
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	5 - 7	5.50

Purity: 99.6%
Loss on drying: 0.58%
Recommended Retest Date: 04/14/201904/27/2015 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis 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)