



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
web: <http://www.mpbio.com>

Certificate of Analysis

Product Description: Sodium Phosphate Dibasic, Heptahydrate, ACS
Catalog Number: 191441
Lot: Q7959

Formula: Na₂HPO₄·7H₂O
CAS #: 7782-85-6
Physical Description: White Crystals

Formula Weight: 268.07
Storage: 15 - 30°C

Test	Specification	Results
Purity	≥98%	98.23%
pH (5% aq soln)	8.7 - 9.3	9.23
Insoluble Matter	≤0.005%	0.003%
Chloride	≤0.001%	<0.001%
Sulfate (SO ₄)	≤0.005%	<0.005%
Heavy Metals	≤0.001%	<0.001%
Iron (Fe)	≤0.001%	<0.001%

Loss on Drying (130 Degree C): 46.55%
Arsenic (As): <16 ppm
Recommended Retest Date: 08/25/2020

11/08/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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<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)