



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Phosphate Monobasic Anhydrous, cell culture reagent
Catalog Number: 194740
Lot: QR14572

Formula: NaH₂PO₄
CAS #: 7558-80-7
Physical Description: White Crystalline Powder

Formula Weight: 119.98
Storage: 15-30° desiccated

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.46% (Dried Basis)
Loss on Drying	≤1%	0.032%
pH (1% aq soln)	3 - 5	4.49

Solubility: Clear, colorless
pH (1 in 20): 4.34
Insoluble Substances: 0.004%
Lead (as Pb): 0.5 mg/kg
Arsenic (as As): <1 ppm
Fluoride: <0.005%
Heavy metals (as Pb): <0.001%
Chloride (Cl): <0.005%
Sulfate (SO₄): <0.002%
Al, Ca & related elements: Passes
Iron (Fe): <0.001%
Reducing substances: Passes
Recommended Retest Date: 03/20/2021

08/29/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document
<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)