

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Sodium Phosphate Monobasic, molecular biology reagent

Catalog Number: 194850

Lot: 5016K

Formula: NaH_2PO_4

CAS #: 7558-80-7

Physical Description: Powder

Formula Weight: 119.98

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	99.4%
Loss on Drying	$\leq 1\%$	0.090%
pH (1% aq soln)	3 - 5	4.4

P205 (dry basis): 58.3%

Insoluble matter: 100 ppm

Bulk density: 1.35g/ml

Arsenic: 0.1 ppm

Cadium: 0.1 ppm

Fluoride: 1.0 ppm

Heavy metals: <10 ppm

Mercury: #0.5 ppm

Lead: #1.0 ppm

Christina Marotta

10/15/2009 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)