



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Phosphate Monobasic Monohydrate, USP_
Catalog Number: 199202_
Lot: 5410H_

Formula: $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$

CAS #: 10049-21-5

Physical Description: White Crystalline Powder

Formula Weight: 137.99

Storage: Room Temperature, desiccate

| Test | Specification | Result |
|--------------------------------------|----------------|--------|
| Identity Test | Passes | Passes |
| Assay | 98.0-103.0% | 100.4% |
| pH (5% aq soln) | 4.1 - 4.5 | 4.3 |
| Water | 10 - 15% | 12.75% |
| Insoluble Substances | $\leq 0.2\%$ | 0.01% |
| Chloride | $\leq 0.014\%$ | Passes |
| Sulfate | $\leq 0.15\%$ | Passes |
| Aluminum, Calcium & Related Elements | Passes | Passes |
| Arsenic | ≤ 8 ppm | Passes |
| Heavy Metals | $\leq 0.002\%$ | Passes |
| Organic Volatile Impurities | Passes | Passes |

Approved - 10/25/2004 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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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)