



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Phosphate Monobasic, Anhydrous, molecular biology reagent

**Catalog Number:** 194846

**Lot:** MR28541

**Formula:**  $\text{KH}_2\text{PO}_4$

**CAS #:** 7778-77-0

**Physical Description:** White Crystalline Powder

**Formula Weight:** 136.09

**Storage:** Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Assay	$\geq 99.0\%$	99.14%
pH (5% aq soln)	4.1 - 4.5	4.42

Insoluble Matter: 0.007%  
Loss on Drying (105°C): 0.087%  
Chloride (Cl): <0.001%  
Sulfate (SO<sub>4</sub>): <0.003%  
Heavy Metals (as Pb): <0.001%  
Iron (Fe): <0.002%  
Sodium (Na): 0.0035%

*Christina Marotta*

07/12/2011 - 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)