

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Phosphate Monobasic, Anhydrous, ACS Grade.

**Catalog Number:** 191430.

**Lot:** 1872B.

**Formula:**  $K_2HPO_4$

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

**Physical Description:** White Granules

**Formula Weight:** 136.09

**Storage:** Room Temperature

| Test                                                       | Specification  | Result         |
|------------------------------------------------------------|----------------|----------------|
| Assay                                                      | $\geq 99\%$    | 99.88%         |
| pH (5% aq soln)                                            | 4.1-4.5        | 4.35           |
| Insoluble Matter, Calcium & Ammonium Hydroxide Precipitate | $\leq 0.01\%$  | $\leq 0.01\%$  |
| Loss on Drying over Sulfuric Acid                          | $\leq 0.2\%$   | 0.01%          |
| Chloride (Cl)                                              | $\leq 0.001\%$ | $\leq 0.001\%$ |
| Nitrogen (as N)                                            | $\leq 0.001\%$ | $\leq 0.001\%$ |
| Sulfate ( $SO_4$ )                                         | $\leq 0.003\%$ | $\leq 0.003\%$ |
| Heavy Metals (as Pb)                                       | $\leq 0.001\%$ | $\leq 0.001\%$ |
| Iron (Fe)                                                  | $\leq 0.002\%$ | $\leq 1$ ppm   |
| Sodium (Na)                                                | $\leq 0.005\%$ | $\leq 0.005\%$ |

06/20/2000 - Joseph Dietz, Ph.D.

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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