

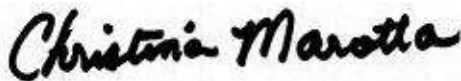
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## Certificate of Analysis

**Product Description:** Potassium Phosphate Dibasic Trihydrate  
**Catalog Number:** 191432  
**Lot:** M7931**Formula:**  $K_2HPO_4 \cdot 3H_2O$   
**CAS #:** 16788-57-1  
**Physical Description:** White Crystalline Powder**Formula Weight:** 228.18  
**Storage:** Room Temperature, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
pH (5% aq soln)	8.5 - 9.6	9.38

Assay: 99.6%  
Chloride (Cl): <0.003%  
Heavy metals (as Pb): 5 ppm  
Insoluble matter: 0.003%  
Iron (Fe): <0.0001%  
Nitrogen compound (as N): <0.001%  
Sodium (Na): 0.0090%  
Sulfate (SO<sub>4</sub>): 0.005%  
Water: 24.6%  
A280: 0.024  
Arsenic (As): <0.0001%



10/29/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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