



**MP Biomedicals, LLC**

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## Certificate of Analysis


**Product Description:** Calcium Phosphate Tribasic  
**Catalog Number:** 193805  
**Lot:** Q8995

**Formula:** Ca<sub>5</sub>HO<sub>13</sub>P<sub>3</sub>  
**CAS #:** 12167-74-7  
**Physical Description:** White to Off-white Powder

**Formula Weight:** 502.3  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Assay (Ca): 39.0%  
Loss on Ignition: 4.5%  
Water soluble substances: 0.1%  
Acid insoluble substances: 0.02%  
Carbonate: Passes  
Chloride: <0.033%  
Fluoride: 36 ppm  
Nitrate: Passes  
Sulfate: <0.2%  
Arsenic: <2 ppm  
Barium: Passes  
Dibasic salt and calcium oxide: Passes  
Heavy metals: <30 ppm  
Certified Kosher and HALAL  
Residual Solvents: No Residual Solvents Used  
Recommended Retest Date: 03/09/2021

  
04/11/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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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)