

**MP Biomedicals, LLC**

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Potassium Phosphate Monobasic, Anhydrous, ACS Grade_

Catalog Number: 191430_

Lot: 1809H_

Formula: KH_2PO_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	$\geq 99.0\%$	99.59%
pH (5% aq soln, 25°C)	4.1 - 4.5	4.37
Insoluble Matter	$\leq 0.01\%$	$< 0.01\%$
Loss on Drying (105°C)	$\leq 0.2\%$	0.03%
Chloride (Cl)	$\leq 0.001\%$	$< 0.001\%$
Nitrogen Compounds (as N)	$\leq 0.001\%$	$< 0.001\%$
Sulfate (SO_4)	$\leq 0.003\%$	$< 0.003\%$
Heavy Metals (as Pb)	$\leq 0.001\%$	$< 0.001\%$
Iron (Fe)	$\leq 0.002\%$	$< 0.0001\%$
Sodium (Na)	$\leq 0.005\%$	$< 0.005\%$

Arsenic $< 3 \text{ mg/kg}$

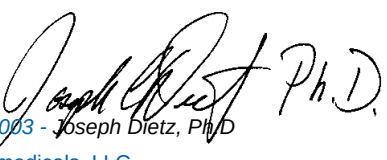
Fluoride $< 10 \text{ mg/kg}$

Heavy Metals $< 0.001\%$

Insoluble Substances $< 0.2\%$

Lead $< 5 \text{ mg/kg}$

Clarity and color of solution (5 g - 50 ml) - colorless and clear


12/12/2003 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)