



Specification

Potassium Phosphate Dibasic Anhydrous ACS/USP/FCC/EP/BP

Catalog Number: PP1003
CAS Number: 7758-11-4
Molecular Formula: K_2HPO_4
Molecular Weight: 174.18
Storage: 15°C – 30°C
Retest Period: Five years from date of manufacture.

Test	Specification
Appearance	White powder
Assay	≥ 98.0%
Identification	To pass test
Solubility	Soluble in water, very slightly soluble in ethanol
Appearance of 10% solution	Clear & colorless
pH (5% Solution)	8.5 – 9.6
Insoluble Matter	≤ 0.01%
Moisture (LOD)	≤ 1.0%
Monopotassium Phosphate	≤ 2.5%
Monobasic or Tribasic Salt	To pass test
Reducing Substances	To pass test
Carbonate	To pass test
Chloride	≤ 0.003%
Nitrogen Compounds	≤ 0.001%
Phosphate	≤ 0.001%
Sulfate	≤ 0.005%
Heavy Metals	≤ 5ppm
Arsenic	≤ 2ppm
Fluoride	≤ 0.001%
Iron	≤ 10ppm
Sodium	≤ 0.05%

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523

Date: September 28, 2016



Gojira Fine Chemicals, LLC
Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

docsupport@gojirafc.com