



Certificate of Analysis

Potassium Phosphate Monobasic Anhydrous NF

Catalog Number: PP1014
Lot Number: 0622901
CAS Number: 7778-77-0
Molecular Formula: KH_2PO_4
Molecular Weight: 136.10
Storage: 15°C – 30°C
Date of Manufacture: January 3, 2019
Retest Date: January 2, 2022

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	98.0 – 100.5%	99.4%
Identification		
Potassium	To meet requirements	Conforms
Phosphate	To meet requirements	Conforms
Solubility (5% in H ₂ O)	Report	Clear & colorless
pH (5% in H ₂ O)	Report	4.34
Moisture (LOD)	≤ 1.0%	0.32%
Insoluble Matter	≤ 0.2%	0.000%
Heavy Metals	≤ 20ppm	0.78ppm
Arsenic	≤ 3ppm	0.54ppm
Lead	≤ 5ppm	0.01ppm
Fluoride	≤ 0.001%	0.0001%
Aerobic Plate Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold Count	≤ 100cfu/g	< 100cfu/g
Total Coliforms	Negative	Negative
Residual Solvents	To meet requirements	Conforms

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: June 24, 2019