



Certificate of Analysis

Potassium Phosphate Monobasic Anhydrous ACS

Catalog Number: PP1004
Lot Number: 0929401r1
CAS Number: 7778-77-0
Molecular Formula: KH_2PO_4
Molecular Weight: 136.10
Storage: 15°C – 30°C
Date of Manufacture: May 15, 2014
Retest Date: May 14, 2019 (new retest date)

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	99% min	100.2%
pH (5%) @ 25C	4.1 - 4.5	4.4
Moisture (LOD)	≤ 0.2%	0.00%
Insoluble Matter	≤ 0.01% max	0.000%
Chloride	≤ 0.001% max	<0.001%
Sulfate	≤0.003% max	<0.003%
Heavy Metals	≤ 0.001% max	< 0.001%
Iron	≤ 0.002% max	< 0.002%
Sodium	≤ 0.005 max	< 0.000%
Lead	≤ 0.1ppm max	< 0.01ppm
Nitrites	pass/fail	pass
Aerobic Plate Count	≤ 1,000cfu/g max	< 1,000cfu/g
Yeast & Mold Count	≤ 100cfu/g max	< 100cfu/g
Total Coliforms	Negative	Negative

Approved by:

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Date: December 9, 2016