



CERTIFICATE OF ANALYSIS

Product Name: **Potassium Phosphate, Dibasic, Anhydrous**
ACS Grade

Catalog Number: P021 Molecular Formula: K_2HPO_4
Lot Number: 03172007 Formula Weight: 174.18
CAS Number: 7758-11-4 Storage: 15 to 30°C
Retest Date: 30-June-2021

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White Crystalline Powder	PASS
Identification	Pass Test	PASS
Purity	≥ 98.0 %	98.54 %
Solubility (5%, H ₂ O)	Clear Colorless Solution	PASS
pH (5%, H ₂ O)	8.5 - 9.6	9.03
Insoluble Matter	≤ 0.01 %	0.004 %
Loss on Drying	≤ 1.0%	0.17 %
Chloride	≤ 0.003 %	< 0.003 %
Nitrogen Compounds	≤ 0.001 %	< 0.001 %
Sulfate (SO ₄)	≤ 0.005 %	< 0.005 %
Heavy Metals (as Pb)	≤ 0.0005 %	< 0.0005 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Sodium (Na)	≤ 0.05 %	0.0087 %

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Becky Kowallis 3/14/2017
Quality Control