



CERTIFICATE OF ANALYSIS

Product: Potassium Phosphate, Monobasic, Anhydrous, ACS Reagent Grade
Catalog Number: P1197 **Lot Number:** KEG04925
Manufacture Date: 07/26/25 **Retest Date:** 07/25/30
CAS #: 7778-77-0 **Chemical Formula:** KH_2PO_4
Formula Weight: 136.09 **Density:** 2.34
Country of Origin: India

TEST	LIMIT	OBSERVATION
Meets ACS Specifications :		
Description	White or colorless crystalline powder	White crystalline powder
Identification	To pass test	Passes test
Assay	Min. 99.0 %	99.72 %
pH of a 5% solution @ 25 °C	4.1 – 4.5	4.35
Insoluble matter	Max. 0.01 %	0.003 %
Loss on drying (105°C/2h)	Max. 0.2 %	0.039 %
Chloride (Cl)	Max. 0.001 %	< 0.001 %
Sulfate (SO ₄)	Max. 0.003 %	< 0.003 %
Heavy metals (by ICP-OES)	Max. 0.001 %	< 0.001 %
Iron (Fe)	Max. 0.002 %	< 0.002 %
Sodium (Na)	Max. 0.005 %	0.0007 %

It is certified on 03/24/26 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

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