

## Certificate of Analysis

**Product : Potassium Phosphate Monobasic, Anhydrous**  
**ACS, USP-NF/FCC Grade**  
**CAS # 7778-77-0**  
**CHEMICAL FORMULA : KH<sub>2</sub>PO<sub>4</sub>**

**Product Code : CP-A2010D**  
**Lot: 2026021015**  
**Density: 2.338 g/mL @25C**  
**F.W. 136.10 g/mol**

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance	white crystalline		Pass	n/a
Appearance of the solution @5% in water	clear		clear and colorless	n/a
Identification : Potassium Phosphate	Conforms		Conforms	
Assay	98.0	100.5	99.85	%
Loss on drying ( LOD )		0.2	0.08	%
Insoluble Matter		0.01	0.003	%
pH at 5%, 20C	4.1	4.5	4.42	na
Arsenic ( As )		3	<2	ppm
Iron ( Fe )		10	<0.002	ppm
Residual Solvents		Conforms	Conforms	
Sodium ( Na )		0.1	0.0037	%
Lead ( Pb )		2	1.2	ppm
Heavy Metals ( as Pb )		0.001	<0.001	%
Chloride ( Cl )		0001	<0.001	%
Fluoride ( F )		10	<10	ppm
Sulfate ( SO <sub>4</sub> )		0.003	<0.003	%
Manufactured date	Feb-10-2026			
Retest date	Feb-2030			

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

**This is an electronically generated document and does not require signatures.**