

Potassium Phosphate, Dibasic, U.S.P.  
Multi-Compendial  
Endotoxin Tested



Material No.: 3250-01  
Batch No.: 0000273517  
Manufactured Date: 2020/04/04  
Retest Date: 2025/04/03  
Release Date: 2020/12/22  
Revision No: 1

## Certificate of Analysis

Meets B.P. Chemical Specifications, Meets E.P. Chemical Specifications, Meets U.S.P Requirements,  
GMP Manufactured Product

Test	Specification	Result
USP – Assay ( $K_2HPO_4$ ) (dried basis)	98.0 – 100.5 %	99.6
USP – Arsenic (As)	$\leq 3$ ppm	$< 3$
USP – Carbonate ( $CO_3$ )	Passes Test	PT
USP – Chloride (Cl)	$\leq 0.03$ %	$< 0.03$
USP – Endotoxin Concentration (2.5 EU/g max.)	Passes Test	PT
USP – Fluoride (F)	$\leq 0.001$ %	$< 0.001$
USP – Identification A (USP)	Passes Test	PT
USP – Identification B (USP)	Passes Test	PT
USP – Insoluble Substances	$\leq 0.2$ %	$< 0.1$
USP – Iron (Fe)	$\leq 0.003$ %	$< 0.003$
USP – Loss on Drying	$\leq 1.0$ %	$< 0.1$
USP – Mono- or Tri- Basic Salt	Passes Test	PT
USP – pH (1 in 20)	8.5 – 9.6	9.2
USP – Sodium (Na)	Passes Test	PT
USP – Sulfate ( $SO_4$ )	$\leq 0.1$ %	$< 0.1$
EP/BP – Appearance of Solution	Passes Test	PT
EP/BP – Assay ( $K_2HPO_4$ ) (dried basis)	98.0 – 101.0 %	99.7
EP/BP – Arsenic (As)	$\leq 2$ ppm	$< 2$
EP/BP – Chloride (Cl)	$\leq 200$ ppm	$< 200$
EP/BP – Identification A	Passes Test	PT
EP/BP – Identification B	Passes Test	PT
EP/BP – Identification C	Passes Test	PT
EP/BP – Iron (Fe)	$\leq 10$ ppm	$< 10$

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
EP/BP – Loss on Drying	<= 2.0 %	0.1
EP/BP – Monopotassium phosphate	<= 0.025	< 0.025
EP/BP – Reducing Substances	Passes Test	PT
EP/BP – Sodium (Na)	<= 0.1 %	< 0.1
EP/BP – Sulfate (SO <sub>4</sub> )	<= 0.1 %	< 0.1
Color (APHA), For Information Only		10
Aluminum (Al), For Information Only	ppm	0.4

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

Preserve in well closed container. Store at ambient temperature.

Elemental Impurities (USP 232, EP 5.20) – Information on elemental impurities for this product is available on the associated Product

Regulatory Data Sheet and elemental impurity profile report.

Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC  
Manufacturer: PBG  
Manufacturer source batch: 0000256367

  
Jamie Ethier  
Vice President Global Quality