

Potassium Phosphate, Dibasic, U.S.P.

Multi-Compendial

Endotoxin Tested



Material No.: 3250-06
Revision No.: 0

Product Specification

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

| Test | Specification |
|--|----------------|
| USP – Assay (K ₂ HPO ₄) (dried basis) | 98.0 – 100.5 % |
| USP – Arsenic (As) | ≤ 3 ppm |
| USP – Carbonate (CO ₃) | Passes Test |
| USP – Chloride (Cl) | ≤ 0.03 % |
| USP – Endotoxin Concentration (2.5 EU/g max.) | Passes Test |
| USP – Fluoride (F) | ≤ 0.001 % |
| USP – Identification A (USP) | Passes Test |
| USP – Identification B (USP) | Passes Test |
| USP – Insoluble Substances | ≤ 0.2 % |
| USP – Iron (Fe) | ≤ 0.003 % |
| USP – Loss on Drying | ≤ 1.0 % |
| USP – Mono- or Tri- Basic Salt | Passes Test |
| USP – pH (1 in 20) | 8.5 – 9.6 |
| USP – Sodium (Na) | Passes Test |
| USP – Sulfate (SO ₄) | ≤ 0.1 % |
| EP/BP – Appearance of Solution | Passes Test |
| EP/BP – Assay (K ₂ HPO ₄) (dried basis) | 98.0 – 101.0 % |
| EP/BP – Chloride (Cl) | ≤ 200 ppm |
| EP/BP – Identification A | Passes Test |
| EP/BP – Identification B | Passes Test |
| EP/BP – Identification C | Passes Test |
| EP/BP – Iron (Fe) | ≤ 10 ppm |
| EP/BP – Loss on Drying | ≤ 2.0 % |
| EP/BP – Monopotassium phosphate | ≤ 0.025 |
| EP/BP – Reducing Substances | Passes Test |
| EP/BP – Sodium (Na) | ≤ 0.1 % |
| EP/BP – Sulfate (SO ₄) | ≤ 0.1 % |
| Color (APHA), For Information Only | |

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For questions on this Product Specification 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

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| Test | Specification |
|-------------------------------------|---------------|
| Aluminum (Al), For Information Only | ppm |

GMP Manufactured Product
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.

Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

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