

Potassium Phosphate, Monobasic, Crystal
BAKER ANALYZED® A.C.S. Reagent
(potassium dihydrogen phosphate)



Material No.: 3246-05
Revision No.: 0

Product Specification

Meets ACS Reagent Chemical Requirements,

Test	Specification
Assay (KH ₂ PO ₄) (by acidimetry)	≥ 99.0 %
Insoluble Matter	≤ 0.01 %
Loss on Drying at 105°C	≤ 0.2 %
pH of 5% Solution at 25°C	4.1 – 4.5
ACS – Chloride (Cl)	≤ 0.001 %
Fluoride (F)	≤ 0.001 %
Nitrogen Compounds (as N)	≤ 0.001 %
ACS – Sulfate (SO ₄)	≤ 0.003 %
Heavy Metals (as Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.002 %
Lead (Pb)	≤ 0.001 %
Sodium (Na)	≤ 0.005 %
Trace Impurities – Arsenic (As)	≤ 3.000 ppm

For Laboratory, Research, or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

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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