



Potassium Phosphate, Dibasic, Powder

BAKER ANALYZED[®] A.C.S. Reagent
(dipotassium hydrogen phosphate)

Product No. 3252
Lot No. L13624
Release Date 04/12/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (K ₂ HPO ₄) (by acidimetry)	99.0 % min.	99.3 %
Insoluble Matter	0.01 % max.	< 0.002 %
Loss on Drying at 105°C	1.0 % max.	< 0.1 %
pH of 5% Solution at 25°C	8.5 - 9.6	9.1
Chloride (Cl)	0.003 % max.	< 0.003 %
Fluoride (F)	0.001 % max.	0.001 %
Nitrogen Compounds (as N)	0.001 % max.	< 0.001 %
Sulfate (SO ₄)	0.005 % max.	< 0.003 %
Iron (Fe)	0.001 % max.	< 0.0005 %
Sodium (Na)	0.05 % max.	0.02 %
Trace Impurities (in ppm):		
Arsenic (As)	1 max.	< 1
Heavy Metals (as Pb)	5 max.	< 3
Lead (Pb)	5 max.	< 5
For Laboratory, Research or Manufacturing Use		
Country of Origin: USA		



Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico City, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
Selangor, Malaysia 9001.2008
Panaji, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

Richard M. Siberski
Richard M. Siberski
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

Avantor[™] Performance Materials, Inc.

3477 Corporate Parkway • Suite #200 • Center Valley, PA 18034 • U.S.A. • Phone: 610.573.2600 • Fax: 610.573.2610