



Phosphoric Acid

BAKER ANALYZED[®] A.C.S. Reagent
(orthophosphoric acid)

Product No. 0260
Lot No. L10A09
Release Date 03/09/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (H ₃ PO ₄) (by acidimetry)	85.0 - 87.0 %	86.5 %
Calcium (Ca)	0.002 % max.	< 0.0002 %
Color (APHA)	10 max.	5
Insoluble Matter	0.001 % max.	0.001 %
Magnesium (Mg)	0.002 % max.	< 0.002 %
Sulfate (SO ₄)	12 ppm max.	< 4 ppm
Volatile Acids (as CH ₃ COOH)	0.001 % max.	0.001 %
Reducing Substances	Passes Test	Passes Test
Chloride (Cl)	3 ppm max.	< 0.5 ppm
Nitrate (NO ₃)	5 ppm max.	< 1.5 ppm
Trace Impurities (in ppm):		
Antimony (Sb)	20 max.	< 0.3
Arsenic (As)	0.5 max.	< 0.03
Iron (Fe)	10 max.	< 0.04
Heavy Metals (as Pb)	8 max.	< 3
Manganese (Mn)	0.5 max.	< 0.01
Potassium (K)	40 max.	< 0.02
Sodium (Na)	200 max.	< 0.02
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

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

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