



Sulfuric Acid

BAKER ANALYZED[®] A.C.S. Reagent

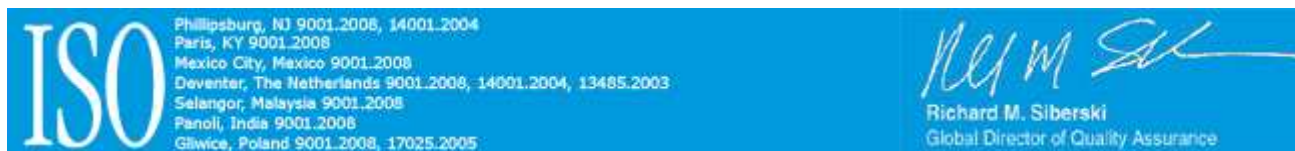
Product No. 9681

Lot No. L17030

Release Date 04/24/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (H ₂ SO ₄)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
Color (APHA)	10 max.	5
Specific Gravity at 60°/60°F	1.84 min.	1.84
Residue after Ignition	4 ppm max.	1 ppm
Substances Reducing Permanganate (as SO ₂)	2 ppm max.	< 2 ppm
Trace Impurities (in ppm):		
Ammonium (NH ₄)	1 max.	< 0.5
Arsenic (As)	0.004 max.	< 0.002
Chloride (Cl)	0.1 max.	< 0.05
Nitrate (NO ₃)	0.5 max.	< 0.1
Trace Impurities (in ppb):		
Aluminum (Al)	200 max.	< 5
Calcium (Ca)	200 max.	4
Chromium (Cr)	100 max.	< 1
Copper (Cu)	100 max.	< 1
Gold (Au)	100 max.	< 5
Heavy Metals (as Pb)	500 max.	< 100
Iron (Fe)	200 max.	4
Lead (Pb)	200 max.	< 10
Magnesium (Mg)	200 max.	< 1
Manganese (Mn)	100 max.	< 1
Mercury (Hg)	5 max.	0.1
Nickel (Ni)	200 max.	< 5
Potassium (K)	300 max.	< 10
Sodium (Na)	300 max.	< 5
Tin (Sn)	200 max.	< 10
Titanium (Ti)	200 max.	< 1
Zinc (Zn)	200 max.	< 1
For Laboratory, Research or Manufacturing Use		
USE BEFORE (poly bottles)..... January 31, 2013		
USE BEFORE (other container types)..... N/A		
Country of Origin: USA		



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

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