



Perchloric Acid, 69-72%

BAKER INSTRA-ANALYZED[®] Reagent
For Trace Metal Analysis

Product No. 9653
Lot No. G40333
Release Date 10/06/2008

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Assay (HClO ₄)	69.0 - 72.0 %	69.4 %
Color (APHA)	10 max.	5
Residue after Ignition	10 ppm max.	4.5 ppm
Trace Impurities (in ppm):		
Chloride (Cl)	10 max.	< 5
Nitrogen Compounds (as N)	10 max.	< 10
Silicate and Phosphate (as SiO ₂)	5 max.	< 2.5
Sulfate (SO ₄)	10 max.	< 5
Aluminum (Al)	0.05 max.	< 0.005
Barium (Ba)	0.1 max.	< 0.001
Cadmium (Cd)	0.005 max.	< 0.001
Calcium (Ca)	1 max.	0.07
Chromium (Cr)	0.05 max.	< 0.001
Cobalt (Co)	0.005 max.	< 0.001
Copper (Cu)	0.05 max.	< 0.001
Heavy Metals (as Pb)	0.1 max.	< 0.05
Iron (Fe)	0.05 max.	0.004
Lead (Pb)	0.01 max.	< 0.01
Lithium (Li)	0.1 max.	< 0.001
Magnesium (Mg)	0.05 max.	0.001
Manganese (Mn)	0.005 max.	< 0.001
Mercury (Hg)	0.005 max.	0.003
Nickel (Ni)	0.005 max.	< 0.005
Potassium (K)	0.5 max.	< 0.02
Silicon (Si)	0.1 max.	< 0.01
Silver (Ag)	0.005 max.	< 0.001
Sodium (Na)	1 max.	0.006
Strontium (Sr)	0.02 max.	< 0.001
Tin (Sn)	0.01 max.	< 0.01
Zinc (Zn)	0.05 max.	0.005

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 1-800-582-2537 or 908-859-2151
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