

Perchloric Acid, 70-72%  
BAKER INSTRA-ANALYZED Reagent For  
Trace Metal Analysis

**LabGenius**

Material No.: 1.002162

Batch No.: GS241225

Manufactured Date: 2024-12-25

Retest Date: 2029-12-25

Revision No.: 0

Test	Specification	Result
ACS - Assay (HClO <sub>4</sub> )	70.0 - 72.0 %	70.3 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 10 ppm	< 10 ppm
Chloride (Cl)	≤ 10 ppm	< 10 ppm
Nitrogen Compounds (as N)	≤ 10 ppm	< 10 ppm
ACS - Silicate and Phosphate (as SiO <sub>2</sub> )	≤ 5 ppm	< 5 ppm
Sulfate (SO <sub>4</sub> )	≤ 10 ppm	< 10 ppm
Trace Impurities - Aluminum (Al)	≤ 0.050 ppm	< 0.050 ppm
Trace Impurities - Barium (Ba)	≤ 0.100 ppm	< 0.100 ppm
Trace Impurities - Cadmium (Cd)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Calcium (Ca)	≤ 1 ppm	< 1 ppm
Trace Impurities - Chromium (Cr)	≤ 0.050 ppm	< 0.050 ppm
Trace Impurities - Cobalt (Co)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Copper (Cu)	≤ 0.050 ppm	< 0.050 ppm
Heavy Metals (as Pb)	≤ 0.1 ppm	< 0.1 ppm
Trace Impurities - Iron (Fe)	≤ 0.050 ppm	< 0.050 ppm
Trace Impurities - Lead (Pb)	≤ 0.010 ppm	< 0.010 ppm
Trace Impurities - Lithium (Li)	≤ 0.100 ppm	< 0.100 ppm
Trace Impurities - Magnesium (Mg)	≤ 0.050 ppm	< 0.050 ppm
Trace Impurities - Manganese (Mn)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Mercury (Hg)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Nickel (Ni)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Potassium (K)	≤ 0.500 ppm	< 0.050 ppm
Trace Impurities - Silicon (Si)	≤ 0.100 ppm	< 0.100 ppm
Trace Impurities - Silver (Ag)	≤ 0.005 ppm	< 0.005 ppm
Trace Impurities - Sodium (Na)	≤ 1.000 ppm	< 1.000 ppm
Trace Impurities - Strontium (Sr)	≤ 0.020 ppm	< 0.020 ppm
Trace Impurities - Tin (Sn)	≤ 0.010 ppm	< 0.010 ppm

For Laboratory, Research, or Manufacturing Use

Country of Origin: CN

Packaging Site: Paris Mfg Ctr & DC