

Specification

Item number: 9789

Sulphuric acid

96 %, VLSI Grade

CAS No.: 7664-93-9

print date: 01.01.2024

formula: H_2SO_4

density: 1,84

molecular weight: 98,08 g/mol

Guarantee analysis

Assay	95-97 %
Bead number ($\geq 0,5 \mu m$)	≤ 250 p/ml
Colour (APHA)	≤ 10
Ammonium (NH₄)	$\leq 0,0002$ %
Chloride (Cl)	$\leq 0,00001$ %
Nitrate (NO₃)	$\leq 0,00002$ %
Phosphate (PO₄)	$\leq 0,00005$ %
KMnO₄ reducing substances	$\leq 0,0001$ %
Ash content (as SO₄)	$\leq 0,0003$ %
Aluminium (Al)	≤ 50 ppb
Antimony (Sb)	≤ 10 ppb
Arsenic (As)	≤ 10 ppb
Barium (Ba)	≤ 10 ppb
Beryllium (Be)	≤ 10 ppb
Bismuth (Bi)	≤ 20 ppb
Lead (Pb)	≤ 10 ppb
Boron (B)	≤ 20 ppb
Cadmium (Cd)	≤ 10 ppb
Calcium (Ca)	≤ 50 ppb
Chromium (Cr)	≤ 10 ppb
Iron (Fe)	≤ 50 ppb
Gallium (Ga)	≤ 10 ppb
Gold (Au)	≤ 10 ppb
Potassium (K)	≤ 50 ppb
Cobalt (Co)	≤ 10 ppb
Copper (Cu)	≤ 10 ppb
Lithium (Li)	≤ 10 ppb
Magnesium (Mg)	≤ 20 ppb
Manganese (Mn)	≤ 10 ppb

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Molybdenum (Mo)	≤10 ppb
Sodium (Na)	≤50 ppb
Nickel (Ni)	≤10 ppb
Silver (Ag)	≤10 ppb
Strontium (Sr)	≤20 ppb
Titanium (Ti)	≤20 ppb
Vanadium (V)	≤10 ppb
Zinc (Zn)	≤20 ppb
Tin (Sn)	≤20 ppb
Zirconium (Zr)	≤10 ppb

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

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S. Lorsee

Head of Quality Management

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