

Specification

Item number: HN52

Sulphuric acid

ROTIPURAN®Supra 95 %

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 (w/w)	93-98 %
Colour (APHA)	≤10
Chloride (Cl)	≤0,00007 %
Total Phosphorous (P)	≤0,000005 %
Nitrate (NO₃)	≤0,00002 %
Aluminium (Al)	≤1 ppb
Antimony (Sb)	≤1 ppb
Arsenic (As)	≤0,5 ppb
Barium (Ba)	≤0,1 ppb
Beryllium (Be)	≤0,1 ppb
Lead (Pb)	≤0,1 ppb
Cadmium (Cd)	≤0,5 ppb
Cesium (Cs)	≤0,1 ppb
Calcium (Ca)	≤1 ppb
Cerium (Ce)	≤0,1 ppb
Chromium (Cr)	≤0,5 ppb
Dysprosium (Dy)	≤0,1 ppb
Iron (Fe)	≤1 ppb
Erbium (Er)	≤0,1 ppb
Europium (Eu)	≤0,1 ppb
Gadolinium (Gd)	≤0,1 ppb
Gallium (Ga)	≤0,1 ppb
Germanium (Ge)	≤1 ppb
Gold (Au)	≤0,5 ppb
Hafnium (Hf)	≤0,1 ppb
Holmium (Ho)	≤0,1 ppb
Indium (In)	≤0,1 ppb
Potassium (K)	≤1 ppb
Cobalt (Co)	≤0,5 ppb

Specification

Guarantee analysis

Copper (Cu)	≤0,5 ppb
Lanthanum (La)	≤0,1 ppb
Lithium (Li)	≤0,5 ppb
Lutetium (Lu)	≤0,1 ppb
Magnesium (Mg)	≤1 ppb
Manganese (Mn)	≤0,5 ppb
Molybdenum (Mo)	≤0,5 ppb
Sodium (Na)	≤1 ppb
Neodymium (Nd)	≤0,1 ppb
Nickel (Ni)	≤0,5 ppb
Niobium (Nb)	≤0,1 ppb
Praseodymium (Pr)	≤0,1 ppb
Mercury (Hg)	≤0,1 ppb
Rhodium (Rh)	≤0,5 ppb
Rubidium (Rb)	≤0,5 ppb
Samarium (Sm)	≤0,1 ppb
Scandium (Sc)	≤0,1 ppb
Selenium (Se)	≤10 ppb
Silver (Ag)	≤1 ppb
Strontium (Sr)	≤0,5 ppb
Tellur (Te)	≤0,1 ppb
Terbium (Tb)	≤0,1 ppb
Thallium (Tl)	≤0,1 ppb
Thorium (Th)	≤0,1 ppb
Thulium (Tm)	≤0,1 ppb
Titanium (Ti)	≤1 ppb
U (Uranium)	≤0,1 ppb
Vanadium (V)	≤0,5 ppb
Bismuth (Bi)	≤0,1 ppb
Tungsten (W)	≤0,5 ppb
Ytterbium (Yb)	≤0,1 ppb
Yttrium (Y)	≤0,1 ppb
Zinc (Zn)	≤1 ppb
Tin (Sn)	≤1 ppb
Zirconium (Zr)	≤0,5 ppb
KMnO4 reducing substances	≤0,002 %

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

This document is computer printout and has therefore not been signed by hand.

S. Lorsee

Head of Quality Management

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

