

Specification

Item number: HN51

Perchloric acid

ROTIPURAN®Supra 70 %

CAS No.: 7601-90-3

print date: 01.01.2024

formula: HClO_4

density: 1,68

molecular weight: 100,46 g/mol

Guarantee analysis

Assay (w/w)	65-71 %
Colour (APHA)	≤10
Aluminium (Al)	≤1 ppb
Antimony (Sb)	≤0,5 ppb
Arsenic (As)	≤0,5 ppb
Barium (Ba)	≤1 ppb
Beryllium (Be)	≤0,5 ppb
Lead (Pb)	≤1 ppb
Cadmium (Cd)	≤1 ppb
Cesium (Cs)	≤0,5 ppb
Calcium (Ca)	≤1 ppb
Cerium (Ce)	≤0,5 ppb
Dysprosium (Dy)	≤0,5 ppb
Iron (Fe)	≤1 ppb
Erbium (Er)	≤0,5 ppb
Europium (Eu)	≤0,5 ppb
Gadolinium (Gd)	≤0,5 ppb
Gallium (Ga)	≤0,5 ppb
Gold (Au)	≤0,5 ppb
Holmium (Ho)	≤0,5 ppb
Indium (In)	≤0,5 ppb
Potassium (K)	≤1 ppb
Cobalt (Co)	≤0,5 ppb
Copper (Cu)	≤0,5 ppb
Lanthanum (La)	≤0,5 ppb
Lithium (Li)	≤0,5 ppb
Lutetium (Lu)	≤0,5 ppb
Magnesium (Mg)	≤1 ppb
Manganese (Mn)	≤1 ppb

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Molybdenum (Mo)	≤0,5 ppb
Sodium (Na)	≤1 ppb
Neodymium (Nd)	≤0,5 ppb
Nickel (Ni)	≤1 ppb
Palladium (Pd)	≤0,5 ppb
Platinum (Pt)	≤0,5 ppb
Praseodymium (Pr)	≤0,5 ppb
Rhodium (Rh)	≤0,5 ppb
Rubidium (Rb)	≤0,5 ppb
Samarium (Sm)	≤0,5 ppb
Scandium (Sc)	≤0,5 ppb
Silver (Ag)	≤1 ppb
Strontium (Sr)	≤0,5 ppb
Tellur (Te)	≤0,5 ppb
Terbium (Tb)	≤0,5 ppb
Thallium (Tl)	≤0,5 ppb
Thorium (Th)	≤1 ppb
Thulium (Tm)	≤0,5 ppb
Titanium (Ti)	≤1 ppb
U (Uranium)	≤0,5 ppb
Vanadium (V)	≤0,5 ppb
Bismuth (Bi)	≤0,5 ppb
Ytterbium (Yb)	≤0,5 ppb
Yttrium (Y)	≤0,5 ppb
Zinc (Zn)	≤1 ppb
Tin (Sn)	≤1 ppb
Zirconium (Zr)	≤0,5 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

S. Lorsee
Head of Quality Management

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