

Specification

Item number:	HN53		
Hydrochloric acid Supra-quality			
ROTIPURAN® Supra 35 %			
CAS No.:	7646-01-0	print date:	07.05.2014
formula:	HCl		
density:	~ 1,18		
molecular weight:	36,46 g/mol		

garantee analysis

Assay (w/w)	34-37 %
Colour (APHA)	≤10
Bromide (Br)	≤0,001 %
Free chlorine (Cl)	≤0,00005 %
Free chlorine (Cl ₂)	≤0,00005 %
Total Phosphorous (P)	≤0,000001 %
Total Sulfur (S)	≤0,00003 %
Aluminium (Al)	≤1 ppb
Antimony (Sb)	≤0,5 ppb
Arsenic (As)	≤0,5 ppb
Barium (Ba)	≤0,1 ppb
Beryllium (Be)	≤0,1 ppb
Lead (Pb)	≤0,1 ppb
Boron (B)	≤1 ppb
Cadmium (Cd)	≤0,1 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
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)	≤0,1 ppb
Copper (Cu)	≤0,5 ppb
Lanthanum (La)	≤0,1 ppb
Lithium (Li)	≤0,1 ppb
Lutetium (Lu)	≤0,1 ppb
Magnesium (Mg)	≤0,5 ppb
Manganese (Mn)	≤0,1 ppb

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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. Vorsitzender des Aufsichtsrats: Eberhard Gaul
Geschäftsführer: Dr. Alfred Wagner und Lothar Haidmann



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Molybdenum (Mo)	≤0,1 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
Rhenium (Re)	≤0,1 ppb
Rhodium (Rh)	≤0,1 ppb
Rubidium (Rb)	≤0,1 ppb
Ruthenium (Ru)	≤0,1 ppb
Samarium (Sm)	≤0,1 ppb
Scandium (Sc)	≤0,1 ppb
Selenium (Se)	≤1 ppb
Silver (Ag)	≤1 ppb
Strontium (Sr)	≤0,1 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)	≤0,5 ppb
Uranium (U)	≤0,1 ppb
Vanadium (V)	≤0,5 ppb
Bismuth (Bi)	≤0,1 ppb
Tungsten (W)	≤0,1 ppb
Ytterbium (Yb)	≤0,1 ppb
Yttrium (Y)	≤0,1 ppb
Zinc (Zn)	≤1 ppb
Tin (Sn)	≤0,5 ppb
Zirconium (Zr)	≤0,1 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.

O. Lautenschläger

Head of control laboratory

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