

# Specification

Item number: HN68

## Water Ultra-quality

### ROTIPURAN®Ultra

CAS No.: 7732-18-5  
formula: H<sub>2</sub>O  
density: 1  
molecular weight: 18,02 g/mol

print date: 28.07.2021

#### Guarantee analysis

Colour (APHA)	≤10
Chloride (Cl)	≤1 ppb
Phosphate (PO <sub>4</sub> )	≤1 ppb
Sulphate (SO <sub>4</sub> )	≤1 ppb
Aluminium (Al)	≤20 ppt
Antimony (Sb)	≤10 ppt
Arsenic (As)	≤10 ppt
Barium (Ba)	≤10 ppt
Beryllium (Be)	≤10 ppt
Lead (Pb)	≤10 ppt
Boron (B)	≤20 ppt
Cadmium (Cd)	≤10 ppt
Cesium (Cs)	≤10 ppt
Calcium (Ca)	≤10 ppt
Cerium (Ce)	≤10 ppt
Chromium (Cr)	≤10 ppt
Dysprosium (Dy)	≤1 ppt
Iron (Fe)	≤10 ppt
Erbium (Er)	≤1 ppt
Europium (Eu)	≤1 ppt
Gadolinium (Gd)	≤1 ppt
Gallium (Ga)	≤10 ppt
Germanium (Ge)	≤10 ppt
Gold (Au)	≤10 ppt
Hafnium (Hf)	≤1 ppt
Holmium (Ho)	≤1 ppt
Indium (In)	≤1 ppt
Potassium (K)	≤10 ppt
Cobalt (Co)	≤10 ppt
Copper (Cu)	≤10 ppt
Lanthanum (La)	≤1 ppt

# Specification

## Guarantee analysis

Lithium (Li)	≤10 ppt
Lutetium (Lu)	≤1 ppt
Magnesium (Mg)	≤10 ppt
Manganese (Mn)	≤10 ppt
Molybdenum (Mo)	≤10 ppt
Sodium (Na)	≤10 ppt
Neodymium (Nd)	≤1 ppt
Nickel (Ni)	≤10 ppt
Niobium (Nb)	≤10 ppt
Palladium (Pd)	≤10 ppt
Platinum (Pt)	≤10 ppt
Praseodymium (Pr)	≤10 ppt
Mercury (Hg)	≤20 ppt
Rhenium (Re)	≤10 ppt
Rhodium (Rh)	≤10 ppt
Rubidium (Rb)	≤10 ppt
Ruthenium (Ru)	≤10 ppt
Samarium (Sm)	≤10 ppt
Scandium (Sc)	≤10 ppt
Selenium (Se)	≤50 ppt
Silver (Ag)	≤10 ppt
Strontium (Sr)	≤10 ppt
Tantal (Ta)	≤10 ppt
Tellur (Te)	≤1 ppt
Terbium (Tb)	≤10 ppt
Thallium (Tl)	≤10 ppt
Thorium (Th)	≤1 ppt
Thulium (Tm)	≤10 ppt
Titanium (Ti)	≤10 ppt
Uranium (U)	≤1 ppt
Vanadium (V)	≤10 ppt
Bismuth (Bi)	≤10 ppt
Tungsten (W)	≤10 ppt
Ytterbium (Yb)	≤10 ppt
Yttrium (Y)	≤1 ppt
Zinc (Zn)	≤10 ppt
Tin (Sn)	≤10 ppt
Zirconium (Zr)	≤10 ppt

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](mailto: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

