

Technical Datasheet

Article No. 452

Hydrogen peroxide 30 % VLSI
30.0–32.0 % H₂O₂

For laboratory use.

Parameter	Value
Appearance	Clear, colourless liquid
Density	1.13 g/ml
Mol.-weight	34.01 g/mol
Melting point	-26 °C
Boiling point	107 °C
Colour (APHA)	max. 5
Total organic carbon (TOC)	max. 20 ppm
Chloride (Cl)	max. 0.03 ppm
Phosphate (PO ₄)	max. 0.1 ppm
Sulfate (SO ₄)	max. 0.1 ppm
Acidity	max. 0.6 meq/g
Silver (Ag)	max. 1 ppb
Aluminium (Al)	max. 1 ppb
Arsenic (As)	max. 1 ppb
Gold (Au)	max. 1 ppb
Boron (B)	max. 1 ppb
Barium (Ba)	max. 1 ppb
Beryllium (Be)	max. 1 ppb
Bismuth (Bi)	max. 1 ppb
Calcium (Ca)	max. 1 ppb
Cadmium (Cd)	max. 1 ppb
Cobalt (Co)	max. 1 ppb
Chromium (Cr)	max. 1 ppb

Technical Datasheet

Article No. 452

Hydrogen peroxide 30 % VLSI
30.0–32.0 % H₂O₂

For laboratory use.

Parameter	Value
Copper (Cu)	max. 1 ppb
Iron (Fe)	max. 1 ppb
Gallium (Ga)	max. 1 ppb
Germanium (Ge)	max. 1 ppb
Potassium (K)	max. 1 ppb
Lithium (Li)	max 1 ppb
Magnesium (Mg)	max. 1 ppb
Manganese (Mn)	max. 1 ppb
Molybdenum (Mo)	max. 1 ppb
Sodium (Na)	max. 1 ppb
Niobium (Nb)	max. 1 ppb
Nickel (Ni)	max. 1 ppb
Lead (Pb)	max. 1 ppb
Antimony (Sb)	max. 1 ppb
Tin (Sn)	max. 1 ppb
Strontium (Sr)	max. 1 ppb
Tantalum (Ta)	max. 1 ppb
Titanium(Ti)	max. 1 ppb
Thallium (Tl)	max. 1 ppb
Vanadium (V)	max. 1 ppb
Zinc (Zn)	max. 1 ppb
Zirconium (Zr)	max. 1 ppb
Particle count >0.5 µm	max. 150 P/ml
Particle count >1.0 µm	max. 25 P/ml