

Technical Datasheet

Article No. 437

Hydrogen peroxide (stab.) p. a.
min. 30.0 % H₂O₂

For laboratory use.

Parameter	Value
Density (20 °C)	1.11 g/ml
Mol.-Weight	34.02 g/mol
Appearance	clear liquid
Boiling point	107 °C
Melting point	-26 °C
Non volatile matters	max. 50 ppm
Free acid (as H ₂ SO ₄)	max. 40 ppm
Heavy metals (as Pb)	max. 0.0005 %
Chloride (Cl)	max. 0.5 ppm
Sulfate (SO ₄)	max. 1 ppm
Nitrogen (N)	max. 4 ppm
Aluminium (Al)	max. 0.5 ppm
Arsenic (As)	max. 0.01 ppm
Barium (Ba)	max. 0.05 ppm
Beryllium (Be)	max. 0.01 ppm
Bismutj (Bi)	max. 0.1 ppm
Calcium (Ca)	max. 0.2 ppm
Cadmium (Cd)	max. 0.01 ppm
Cobalt (Co)	max. 0.01 ppm
Chromium (Cr)	max. 0.02 ppm
Copper (Cu)	max. 0.01 ppm
Iron (Fe)	max. 0.05 ppm
Germanium (Ge)	max. 0.05 ppm
Potassium (K)	max. 0.1 ppm
Lithium (Li)	max. 0.01 ppm

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Magnesium (Mg)	max. 0.05 ppm
Manganese (Mn)	max. 0.01 ppm
Molybdenum (Mo)	max. 0.02 ppm
Nickel (Ni)	max. 0.02 ppm
Lead (Pb)	max. 0.01 ppm
Strontium (Sr)	max. 0.01 ppm
Titanium (Ti)	max. 0.1 ppm
Thallium (Tl)	max. 0.05 ppm
Vanadium (V)	max. 0.01 ppm
Zinc (Zn)	max. 0.05 ppm
Zirconium (Zr)	max. 0.1 ppm
Residue on evaporation	max. 0.005 %
Stabilized with phosphate	