Specification

1.07209.0500 Hydrogen peroxide 30% (Perhydrol®) for analysis EMSURE® ISO

	Specification	
Assay (manganometric)	≥ 30.0	%
Colour	≤ 10	Hazen
Free acid (as H_2SO_4)	≤ 30	ppm
Chloride (Cl)	≤ 0.5	ppm
Nitrate (NO_3)	≤ 2	ppm
Phosphate (PO_4)	≤ 1	ppm
Sulphate (SO_4)	≤ 1	ppm
Heavy metals (as Pb)	≤ 1	ppm
Total nitrogen (N)	≤ 4	ppm
Al (Aluminium)	≤ 0.5	ppm
As (Arsenic)	≤ 0.01	ppm
Ba (Barium)	≤ 0.05	ppm
Be (Beryllium)	≤ 0.01	ppm
Bi (Bismuth)	≤ 0.1	ppm
Ca (Calcium)	≤ 0.2	ppm
Cd (Cadmium)	≤ 0.01	ppm
Co (Cobalt)	≤ 0.01	ppm
Cr (Chromium)	≤ 0.02	ppm
Cu (Copper)	≤ 0.01	ppm
Fe (Iron)	≤ 0.05	ppm
Ge (Germanium)	≤ 0.05	ppm
K (Potassium)	≤ 0.1	ppm
Li (Lithium)	≤ 0.01	ppm
Mg (Magnesium)	≤ 0.05	ppm
Mn (Manganese)	≤ 0.01	ppm
Mo (Molybdenum)	≤ 0.02	ppm
Na (Sodium)	≤ 0.1	ppm
Ni (Nickel)	≤ 0.02	ppm
Pb (Lead)	≤ 0.01	ppm
Sr (Strontium)	≤ 0.01	ppm
Ti (Titanium)	≤ 0.1	ppm
Tl (Thallium)	≤ 0.05	ppm
V (Vanadium)	≤ 0.01	ppm
Zn (Zinc)	≤ 0.05	ppm
Zr (Zirconium)	≤ 0.1	ppm
Non volatile matter	≤ 50	ppm

ISO-reagent
Expiry date: see product label

Dr. Reiner Vogt
Responsible laboratory manager quality control

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