Certificate of Analysis

1.07298.1000 Hydrogen peroxide 30% Suprapur®
Batch K56844798

	Spec. Values		Batch Values	
Assay (manganometric)	≥ 30.0	%	31.2	%
Free acid (as H_2SO_4)	≤ 30	ppm	< 10	ppm
Total nitrogen (N)	≤ 3	ppm	< 1	ppm
Chloride (Cl)	≤ 300	ppb	< 100	ppb
Nitrate (NO_3)	≤ 500	ppb	< 100	ppb
Phosphate (PO_4)	≤ 100	ppb	< 100	ppb
Sulfate (SO_4)	≤ 100	ppb	< 100	ppb
Ag (Silver)	≤ 0.5	ppb	< 0.1	ppb
Al (Aluminium)	≤ 1.0	ppb	< 0.1	ppb
As (Arsenic)	≤ 1.0	ppb	< 0.1	ppb
Au (Gold)	≤ 0.5	ppb	< 0.1	ppb
B (Boron)	≤ 0.5	ppb	< 0.1	ppb
Ba (Barium)	≤ 0.5	ppb	< 0.1	ppb
Be (Beryllium)	≤ 0.5	ppb	< 0.1	ppb
Bi (Bismuth)	≤ 1.0	ppb	< 0.1	ppb
Ca (Calcium)	≤ 5	ppb	< 1	ppb
Cd (Cadmium)	≤ 0.5	ppb	< 0.1	ppb
Co (Cobalt)	≤ 0.5	ppb	< 0.1	ppb
Cr (Chromium)	≤ 0.5	ppb	< 0.1	ppb
Cu (Copper)	≤ 0.5	ppb	< 0.1	ppb
Fe (Iron)	≤ 1.0	ppb	< 0.1	ppb
Ga (Gallium)	≤ 0.5	ppb	< 0.1	ppb
Ge (Germanium)	≤ 0.5	ppb	< 0.1	ppb
Hg (Mercury)	≤ 1	ppb	< 1	ppb
In (Indium)	≤ 0.5	ppb	< 0.1	ppb
K (Potassium)	≤ 1.0	ppb	< 0.1	ppb
Li (Lithium)	≤ 0.5	ppb	< 0.1	ppb
Mg (Magnesium)	≤ 1.0	ppb	< 0.1	ppb
Mn (Manganese)	≤ 0.5	ppb	< 0.1	ppb
Mo (Molybdenum)	≤ 0.5	ppb	< 0.1	ppb
Na (Sodium)	≤ 1.0	ppb	0.1	ppb
Ni (Nickel)	≤ 0.5	ppb	< 0.1	ppb
Pb (Lead)	≤ 0.5	ppb	< 0.1	ppb
Pd (Palladium)	≤ 0.5	ppb	< 0.1	ppb
Pt (Platinum)	≤ 0.5	ppb	< 0.1	ppb
Sb (Antimony)	≤ 0.5	ppb	< 0.1	ppb
Sn (Tin)	≤ 0.5	ppb	< 0.1	ppb
Sr (Strontium)	≤ 0.5	ppb	< 0.1	ppb
Ti (Titanium)	≤ 1	ppb	< 1	ppb
Tl (Thallium)	≤ 0.5	ppb	< 0.5	ppb
V (Vanadium)	≤ 0.5	ppb	< 0.1	ppb
Zn (Zinc)	≤ 1.0	ppb	0.1	ppb

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Zr (Zirconium)	≤ 1.0	ppb	0.1	ppb

Actual analysis values are subject to unavoidable systematic variations in this concentration range.

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Minimum shelf life (DD.MM.YYYY) 31.07.2028

Christian Herrmann
Responsible laboratory manager quality control

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