Certificate of Analysis

1.00066.0250 Acetic acid (glacial) 100% Suprapur®
Batch K57040266

	Spec. Values		Batch Values	
Assay (acidimetric)	≥ 99.8	%	100.0	%
Color	≤ 5	Hazen	5	Hazen
Acetaldehyde	≤ 2	ppm	< 2	ppm
Solidification temperature	≥ 16.3	°C	16.7	°C
Chloride (Cl)	≤ 100	ppb	< 100	ppb
Phosphate (PO_4)	≤ 50	ppb	< 50	ppb
Sulfate (SO_4)	≤ 400	ppb	< 400	ppb
Ag (Silver)	≤ 1.0	ppb	< 1.0	ppb
Al (Aluminium)	≤ 2.0	ppb	< 1.0	ppb
As (Arsenic)	≤ 0.5	ppb	< 0.1	ppb
Au (Gold)	≤ 0.5	ppb	< 0.1	ppb
B (Boron)	≤ 0.5	ppb	0.2	ppb
Ba (Barium)	≤ 0.5	ppb	< 0.2	ppb
Be (Beryllium)	≤ 0.5	ppb	< 0.1	ppb
Bi (Bismuth)	≤ 0.5	ppb	0.1	ppb
Ca (Calcium)	≤ 20.0	ppb	< 2.5	ppb
Cd (Cadmium)	≤ 0.5	ppb	0.1	ppb
Co (Cobalt)	≤ 0.5	ppb	< 0.1	ppb
Cr (Chromium)	≤ 5.0	ppb	< 1.0	ppb
Cu (Copper)	≤ 1.0	ppb	< 0.5	ppb
Fe (Iron)	≤ 20.0	ppb	< 5.0	ppb
Ga (Gallium)	≤ 0.5	ppb	< 0.1	ppb
Ge (Germanium)	≤ 0.5	ppb	< 0.1	ppb
Hg (Mercury)	≤ 2.0	ppb	< 1.0	ppb
In (Indium)	≤ 0.5	ppb	< 0.1	ppb
K (Potassium)	≤ 2.0	ppb	< 1.0	ppb
Li (Lithium)	≤ 0.5	ppb	< 0.1	ppb
Mg (Magnesium)	≤ 2.0	ppb	< 1.0	ppb
Mn (Manganese)	≤ 1.0	ppb	< 0.5	ppb
Mo (Molybdenum)	≤ 1.0	ppb	< 0.5	ppb
Na (Sodium)	≤ 5.0	ppb	2.2	ppb
Ni (Nickel)	≤ 5.0	ppb	< 1.0	ppb
Pb (Lead)	≤ 2.0	ppb	< 0.5	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)	≤ 0.5	ppb	< 0.1	ppb
Tl (Thallium)	≤ 0.5	ppb	< 0.1	ppb
V (Vanadium)	≤ 0.5	ppb	< 0.1	ppb
Zn (Zinc)	≤ 2.0	ppb	< 1.0	ppb
Zr (Zirconium)	≤ 0.5	ppb	0.2	ppb

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Substances reducing potassium dichromate	≤ 30	ppm	< 30	ppm
Substances reducing potassium permanganate	≤ 20	ppm	< 20	ppm
Residue on ignition (as sulfate)	≤ 2	ppm	< 1	ppm

The actual values are subject to unavoidable systematic variations in this concentration range.

Date of release (DD.MM.YYYY) 24.02.2026
Minimum shelf life (DD.MM.YYYY) 30.09.2028

Christian Herrmann
Responsible laboratory manager quality control

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