



Specification

1.05002.0500 Potassium hydroxide hydrate 99.995 Suprapur®

	Specification	
Purity (metallic)	≥ 99.995	%
Assay of KOH·1H ₂ O	≥ 85	%
Assay of potassium carbonate	≤ 1.0	%
Chloride (Cl)	≤ 1.0	ppm
Phosphate (PO ₄)	≤ 0.05	ppm
Silicate (as SiO ₂)	≤ 5	ppm
Sulfate (SO ₄)	≤ 5	ppm
Al (Aluminium)	≤ 0.05	ppm
As (Arsenic)	≤ 0.1	ppm
Ba (Barium)	≤ 10.0	ppm
Ca (Calcium)	≤ 0.5	ppm
Cd (Cadmium)	≤ 0.01	ppm
Ce (Cerium)	≤ 0.01	ppm
Co (Cobalt)	≤ 0.010	ppm
Cr (Chromium)	≤ 0.010	ppm
Cu (Copper)	≤ 0.010	ppm
Eu (Europium)	≤ 0.010	ppm
Fe (Iron)	≤ 0.05	ppm
Hg (Mercury)	≤ 0.01	ppm
La (Lanthanum)	≤ 0.010	ppm
Li (Lithium)	≤ 0.5	ppm
Mg (Magnesium)	≤ 0.10	ppm
Mn (Manganese)	≤ 0.050	ppm
Na (Sodium)	≤ 5	ppm
Ni (Nickel)	≤ 0.010	ppm
Pb (Lead)	≤ 0.010	ppm
Sc (Scandium)	≤ 0.010	ppm
Sm (Samarium)	≤ 0.010	ppm
Sr (Strontium)	≤ 0.50	ppm
Tl (Thallium)	≤ 0.01	ppm
Y (Yttrium)	≤ 0.010	ppm
Yb (Ytterbium)	≤ 0.010	ppm
Zn (Zinc)	≤ 0.050	ppm

Evelyn Allmann

Responsible laboratory manager quality control

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