



Certificate of Analysis

1.05033.1000 Potassium hydroxide pellets for analysis EMSURE®
Batch MB1988233

	Spec. Values		Batch Values	
Assay (acidimetric, KOH)	≥ 85.0	%	86.1	%
Carbonate (as K ₂ CO ₃)	≤ 1.0	%	0.3	%
Chloride (Cl)	≤ 0.01	%	≤ 0.01	%
Phosphate (PO ₄)	≤ 0.0005	%	≤ 0.0005	%
Silicate (SiO ₂)	≤ 0.005	%	≤ 0.005	%
Sulfate (SO ₄)	≤ 0.0005	%	≤ 0.0005	%
Total nitrogen (N)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
Al (Aluminium)	≤ 0.001	%	≤ 0.001	%
Ca (Calcium)	≤ 0.001	%	≤ 0.001	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
Na (Sodium)	≤ 0.5	%	0.2	%
Ni (Nickel)	≤ 0.0005	%	≤ 0.0005	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Zn (Zinc)	≤ 0.0025	%	≤ 0.0025	%

Date of release (DD.MM.YYYY) 21.04.2022
Minimum shelf life (DD.MM.YYYY) 31.07.2024

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Responsible laboratory manager quality control

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