



Certificate of Analysis

1.06498.5000 Sodium hydroxide pellets for analysis EMSURE®
Batch MB2082898

	Spec. Values		Batch Values	
Assay (acidimetric,NaOH)	≥ 99.0	%	99.7	%
Carbonate (as Na ₂ CO ₃)	≤ 1.0	%	0.2	%
Chloride (Cl)	≤ 0.012	%	≤ 0.012	%
Phosphate (PO ₄)	≤ 0.0005	%	≤ 0.0005	%
Silicate (SiO ₂)	≤ 0.001	%	≤ 0.001	%
Sulfate (SO ₄)	≤ 0.010	%	≤ 0.010	%
Total nitrogen (N)	≤ 0.0003	%	≤ 0.0003	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
Al (Aluminium)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0001	%	≤ 0.0001	%
Ca (Calcium)	≤ 0.0005	%	≤ 0.0005	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
K (Potassium)	≤ 0.05	%	0.01	%
Mg (Magnesium)	≤ 0.0005	%	≤ 0.0005	%
Ni (Nickel)	≤ 0.00025	%	≤ 0.00025	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Zn (Zinc)	≤ 0.001	%	≤ 0.001	%

Date of release (DD.MM.YYYY) 10.06.2022
Minimum shelf life (DD.MM.YYYY) 31.05.2025

Dr. Dimitrij Ryvlin
Responsible laboratory manager quality control

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