



# Certificate of Analysis

1.05033.0500 Potassium hydroxide pellets for analysis EMSURE®  
Batch MB2292733

	Spec. Values		Batch Values	
Assay (acidimetric, KOH)	≥ 85.0	%	85.9	%
Carbonate (as K <sub>2</sub> CO <sub>3</sub> )	≤ 1.0	%	0.3	%
Chloride (Cl)	≤ 0.01	%	≤ 0.01	%
Phosphate (PO <sub>4</sub> )	≤ 0.0005	%	≤ 0.0005	%
Silicate (SiO <sub>2</sub> )	≤ 0.005	%	≤ 0.005	%
Sulfate (SO <sub>4</sub> )	≤ 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	%	0.3	%
Ni (Nickel)	≤ 0.0005	%	≤ 0.0005	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Zn (Zinc)	≤ 0.0025	%	≤ 0.0025	%

Date of release (DD.MM.YYYY) 23.09.2024  
Minimum shelf life (DD.MM.YYYY) 30.09.2027

Dr. Dimitrij Ryvlin  
Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.