



# Certificate of Analysis

1.05029.1000 Potassium hydroxide pellets for analysis (max. 0.05% Na) EMSURE® ACS,  
Reag. Ph Eur  
Batch B1042629

	Batch Values	
Assay (KOH)	85.7	%
Assay (total alkalinity calc. as KOH)	85.0 - 100.5	%
Identity	passes test	
Appearance of solution	passes test	
Carbonate (K <sub>2</sub> CO <sub>3</sub> )	0.4	%
Chloride (Cl)	≤ 0.0005	%
Phosphate (PO <sub>4</sub> )	≤ 0.0005	%
Silicate (SiO <sub>2</sub> )	≤ 0.005	%
Sulphate (SO <sub>4</sub> )	≤ 0.0005	%
Total nitrogen (N)	≤ 0.0005	%
Heavy metals (as Ag)	≤ 0.0005	%
Heavy metals (as Pb)	≤ 0.0005	%
Al (Aluminium)	≤ 0.001	%
Ca (Calcium)	≤ 0.001	%
Fe (Iron)	≤ 0.0005	%
Mg (Magnesium)	≤ 0.002	%
Na (Sodium)	0.02	%
Ni (Nickel)	≤ 0.0005	%

Date of release (DD.MM.YYYY) 07.04.2014  
Minimum shelf life (DD.MM.YYYY) 30.04.2017

Dr. Matthias Rompel  
Responsible laboratory manager quality control

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