



# Certificate of Analysis

1.05021.9025 Potassium hydroxide pellets for analysis (max. 0.002% Na) EMSURE®  
ACS,ISO,Reag. Ph Eur  
Batch B0782621

	Batch Values	
Assay (KOH)	86.0	%
Assay (total alkalinity calc. as KOH)	86.3	%
Identity	passes test	
Appearance of solution	passes test	
Carbonate (as 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> )	≤ 0.002	%
Sulphate (SO <sub>4</sub> )	≤ 0.0005	%
Total nitrogen (N)	≤ 0.0003	%
Heavy metals (as Ag)	≤ 0.001	%
Heavy metals (as Pb)	≤ 0.001	%
Al (Aluminium)	≤ 0.0002	%
Ca (Calcium)	≤ 0.0005	%
Cd (Cadmium)	≤ 0.00001	%
Cu (Copper)	≤ 0.0001	%
Fe (Iron)	≤ 0.0005	%
Mg (Magnesium)	≤ 0.0005	%
Mn (Manganese)	≤ 0.00005	%
Na (Sodium)	0.002	%
Ni (Nickel)	≤ 0.0001	%
Pb (Lead)	≤ 0.0001	%
Zn (Zinc)	≤ 0.0001	%

Date of release (DD.MM.YYYY) 19.05.2014  
Minimum shelf life (DD.MM.YYYY) 31.10.2015

Lina Kehl  
Responsible laboratory manager quality control

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