



Certificate of Analysis

1.05043.1000 Potassium iodide for analysis EMSURE® ISO, Reag. Ph Eur
Batch B2186443

	Spec. Values		Batch Values	
Assay (argentometric)	≥ 99.5	%	99.7	%
Assay (argentometric; calculated on dried substance)	99.5 - 100.5	%	100.0	%
Identity	passes test		passes test	
Appearance of solution	passes test		passes test	
Alkaline impurities	passes test		passes test	
pH-value (5 %; water)	6 - 8		6	
Chloride and Bromide (as Cl)	≤ 0.01	%	≤ 0.01	%
Iodate (IO ₃)	≤ 0.0003	%	≤ 0.0003	%
Phosphate (PO ₄)	≤ 0.001	%	≤ 0.001	%
Sulfate (SO ₄)	≤ 0.001	%	≤ 0.001	%
Thiosulfate (S ₂ O ₃)	passes test		passes test	
Total nitrogen (N)	≤ 0.001	%	≤ 0.001	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.00001	%	≤ 0.00001	%
Ba (Barium)	≤ 0.002	%	≤ 0.002	%
Ca (Calcium)	≤ 0.001	%	≤ 0.001	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0002	%	≤ 0.0002	%
Mg (Magnesium)	≤ 0.001	%	≤ 0.001	%
Na (Sodium)	≤ 0.03	%	< 0.01	%
Pb (Lead)	≤ 0.0002	%	≤ 0.0002	%
Reducing substances	passes test		passes test	
Loss on Drying (105 °C)	≤ 0.5	%	0.3	%

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Minimum shelf life (DD.MM.YYYY) 31.03.2028

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Responsible laboratory manager quality control

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