



# Specification

1.05043.0000 Potassium iodide for analysis EMSURE® ISO,Reag. Ph Eur

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

Dr. Dimitrij Ryvlin

Responsible laboratory manager quality control

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