



Certificate of Analysis

1.05051.0100 Potassium iodate for analysis EMSURE® ACS,ISO,Reag. Ph Eur
Batch K55262151

	Spec. Values		Batch Values	
Assay (iodometric)	99.7 - 100.4	%	99.8	%
Insoluble matter	≤ 0.005	%	< 0.005	%
pH-value (5 %; water)	5.0 - 8.0		5.9	
Chloride, Chlorate, Bromide, Bromate (as Cl)	≤ 0.01	%	≤ 0.01	%
Iodide (I)	≤ 0.001	%	≤ 0.001	%
Sulfate (SO ₄)	≤ 0.005	%	≤ 0.005	%
Total nitrogen (N)	≤ 0.002	%	≤ 0.002	%
Heavy metals (ACS)	≤ 5	ppm	≤ 5	ppm
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0003	%	< 0.0003	%
Fe (Iron)	≤ 0.001	%	≤ 0.001	%
Na (Sodium)	≤ 0.005	%	< 0.001	%
Pb (Lead)	≤ 0.0004	%	≤ 0.0004	%
Loss on drying (130 °C)	≤ 0.05	%	0.02	%

Corresponds to ACS, ISO, Reag. Ph Eur

Date of release (DD.MM.YYYY) 15.08.2023
Minimum shelf life (DD.MM.YYYY) 31.03.2026

Dr. Dimitrij Ryvlin
Responsible laboratory manager quality control

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



Certificate of Analysis

1.05051.0100 Potassium iodate for analysis EMSURE® ACS,ISO,Reag. Ph Eur
Batch K56098751

	Spec. Values		Batch Values	
Assay (iodometric)	99.7 - 100.4	%	100.0	%
Insoluble matter	≤ 0.005	%	< 0.005	%
pH-value (5 %; water)	5.0 - 8.0		6.0	
Chloride, Chlorate, Bromide, Bromate (as Cl)	≤ 0.01	%	≤ 0.01	%
Iodide (I)	≤ 0.001	%	≤ 0.001	%
Sulfate (SO ₄)	≤ 0.005	%	≤ 0.005	%
Total nitrogen (N)	≤ 0.002	%	≤ 0.002	%
Heavy metals (ACS)	≤ 5	ppm	≤ 5	ppm
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0003	%	< 0.0003	%
Fe (Iron)	≤ 0.001	%	≤ 0.001	%
Na (Sodium)	≤ 0.005	%	< 0.001	%
Pb (Lead)	≤ 0.0004	%	≤ 0.0004	%
Loss on drying (130 °C)	≤ 0.05	%	< 0.05	%

Corresponds to ACS, ISO, Reag. Ph Eur

Date of release (DD.MM.YYYY) 18.03.2025
Minimum shelf life (DD.MM.YYYY) 31.05.2027

Dr. Dimitrij Ryvlin
Responsible laboratory manager quality control

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