



Certificate of Analysis

1.06652.0000 Sodium sulfite EMPROVE® ESSENTIAL Ph Eur,BP,NF,E 221
Batch K56700052

	Spec. Values		Batch Values	
Assay (iodometric)	95.0 - 100.5	%	97.4	%
Assay (SO ₂)	≥ 48.0	%	49.5	%
Identity	passes test		passes test	
Appearance of solution	passes test		passes test	
Thiosulfate (S ₂ O ₃)	≤ 0.05	%	≤ 0.05	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0002	%	≤ 0.0002	%
Hg (Mercury)	≤ 0.0001	%	≤ 0.0001	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
Pb (Lead)	≤ 0.0002	%	≤ 0.0002	%
Se (Selenium)	≤ 0.00025	%	≤ 0.00025	%
Zn (Zinc)	≤ 0.0025	%	≤ 0.0025	%
Residual solvents (Ph Eur/USP/ICH)	excluded by the manufacturing process		excluded by the manufacturing process	

Elemental impurity specifications have been set considering ICH Q3D (Guideline for Elemental Impurities). Class 1-3 elements are not likely to be present above the ICH Q3D option 1 limit, unless specified and indicated (*).

Conforms to the purity criteria on food additives according to the current European Commission Regulation.

Conforms to Ph Eur, BP, NF, E221

Date of manufacture (DD.MM.YYYY) 08.04.2025

Date of examination (DD.MM.YYYY) 14.05.2025

Minimum shelf life (DD.MM.YYYY) 30.04.2027

Dr. Dimitrij Ryvlin

Responsible laboratory manager quality control

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