



Certificate of Analysis

1.06449.1000 Sodium fluoride for analysis EMSURE® Reag. Ph Eur
Batch B2150249

	Spec. Values		Batch Values	
Assay (precipitative titration)	≥ 99.5	%	99.5	%
In water insoluble matter	≤ 0.01	%	≤ 0.01	%
Free alkali (as NaOH)	≤ 0.04	%	0.02	%
Free acid (as hydrofluoric acid)	≤ 0.05	%	< 0.01	%
Chloride (Cl)	≤ 0.01	%	≤ 0.01	%
Hexafluorosilicate (SiF ₆)	≤ 0.075	%	≤ 0.075	%
Sulfate (SO ₄)	≤ 0.01	%	≤ 0.01	%
Sulfite (SO ₃)	≤ 0.005	%	≤ 0.005	%
Heavy metals (as Pb)	≤ 0.001	%	< 0.001	%
Ca (Calcium)	≤ 0.004	%	< 0.001	%
Cu (Copper)	≤ 0.0002	%	< 0.0001	%
Fe (Iron)	≤ 0.002	%	< 0.001	%
K (Potassium)	≤ 0.02	%	≤ 0.02	%
Loss on drying (150 °C, 4 h)	≤ 0.2	%	< 0.1	%

Date of release (DD.MM.YYYY) 05.12.2022
Minimum shelf life (DD.MM.YYYY) 31.12.2027

Dr. Dimitrij Ryvlin
Responsible laboratory manager quality control

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