



Certificate of Analysis

1.02066.0000 Calcium carbonate precipitated for analysis EMSURE® Reag. Ph Eur
Batch A1943266

	Spec. Values		Batch Values	
Assay (complexometric; calculated on dried substance)	98.5 - 100.5	%	99.9	%
Identity	passes test		passes test	
Substances insoluble in acetic acid	≤ 0.2	%	≤ 0.2	%
Substances insoluble in hydrochloric acid	≤ 0.005	%	≤ 0.005	%
Chloride (Cl)	≤ 0.005	%	≤ 0.005	%
Sulfate (SO ₄)	≤ 0.03	%	≤ 0.03	%
Heavy metals (as Pb)	≤ 0.002	%	≤ 0.002	%
Total nitrogen (N)	≤ 0.001	%	≤ 0.001	%
Al (Aluminium)	≤ 0.005	%	≤ 0.005	%
As (Arsenic)	≤ 0.0004	%	≤ 0.0004	%
Ba (Barium)	passes test		passes test	
Cu (Copper)	≤ 0.0005	%	≤ 0.0005	%
Fe (Iron)	≤ 0.001	%	≤ 0.001	%
K (Potassium)	≤ 0.005	%	≤ 0.005	%
Mg (Magnesium)	≤ 0.02	%	≤ 0.02	%
Na (Sodium)	≤ 0.2	%	≤ 0.2	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Sr (Strontium)	≤ 0.1	%	≤ 0.1	%
Magnesium and alkali metals	≤ 1.5	%	≤ 1.5	%
Particle size (d 50)	about 14 µm		passes test	
Loss on drying (200 °C)	≤ 1.0	%	< 0.1	%

Corresponds to Reag. Ph Eur

Date of release (DD.MM.YYYY) 08.03.2024
Minimum shelf life (DD.MM.YYYY) 31.12.2027

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Responsible laboratory manager quality control

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