Certificate of Analysis

1.06329.1000 Sodium hydrogen carbonate for analysis EMSURE® ACS,Reag.Ph Eur
Batch K54046829

	Spec. Values		Batch Values	
Appearance of solution	passes test		passes test	
Identity	passes test		passes test	
Assay (acidimetric; calculated on dried substance)	99.7 - 100.3	%	100.2	%
Assay (acidimetric)	99.0 - 101.0	%	100.2	%
Insoluble matter	≤ 0.015	%	< 0.010	%
Carbonate (CO_3)	passes test		passes test	
Chloride (Cl)	≤ 0.002	%	≤ 0.002	%
Phosphate (PO_4)	≤ 0.001	%	≤ 0.001	%
Sulfate (SO_4)	≤ 0.0150	%	≤ 0.0150	%
Phosphate and Silicate (as SiO_2)	≤ 0.005	%	≤ 0.005	%
Sulfur compounds (as SO_4)	≤ 0.003	%	≤ 0.003	%
Total nitrogen (N)	≤ 0.0005	%	≤ 0.0005	%
Ammonium (NH_4)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (ACS)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0002	%	≤ 0.0002	%
Ca (Calcium)	≤ 0.0100	%	≤ 0.0100	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
K (Potassium)	≤ 0.005	%	≤ 0.005	%
Mg (Magnesium)	≤ 0.005	%	≤ 0.005	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Iodine reducing matter (as I)	≤ 0.0065	%	≤ 0.0065	%
Loss on drying (Silica gel)	≤ 0.20	%	< 0.01	%

Corresponds to ACS, Reag. Ph Eur

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Responsible laboratory manager quality control

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