



# Certificate of Analysis

1.06649.1000 Sodium sulfate anhydrous for analysis EMSURE® ACS,ISO,Reag. Ph Eur  
Batch AM1139049

	Spec. Values		Batch Values	
Assay (alkalimetric)	≥ 99.0	%	100.0	%
Assay (alkalimetric, calculated on dried substance)	98.5 - 101.0	%	100.1	%
Identity	passes test		passes test	
Appearance of solution	passes test		passes test	
Insoluble matter	≤ 0.01	%	≤ 0.01	%
Acidity or alkalinity	passes test		passes test	
pH-value (5 %; water; 25 °C)	5.2 - 8.0		5.7	
Chloride (Cl)	≤ 0.001	%	≤ 0.001	%
Phosphate (PO <sub>4</sub> )	≤ 0.001	%	≤ 0.001	%
Total nitrogen (N)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.0001	%	≤ 0.0001	%
Ca (Calcium)	≤ 0.005	%	≤ 0.005	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
K (Potassium)	≤ 0.002	%	≤ 0.002	%
Mg (Magnesium)	≤ 0.001	%	≤ 0.001	%
Loss on drying (130 °C)	≤ 0.5	%	≤ 0.5	%
Loss on ignition (800 °C)	≤ 0.5	%	≤ 0.5	%

Corresponds to ACS, ISO, Reag. Ph Eur

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Responsible laboratory manager quality control

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