



Certificate of Analysis

1.06404.5000 Sodium chloride for analysis EMSURE® ACS,ISO,Reag. Ph Eur
Batch K54572804

	Spec. Values		Batch Values	
Assay (argentometric)	≥ 99.5	%	99.5	%
Assay (argentometric; calculated on dried substance)	99.0 - 100.5	%	99.5	%
Identity	passes test		passes test	
Appearance of solution	passes test		passes test	
Acidity or alkalinity	passes test		passes test	
pH-value (5 %; water)	5.0 - 8.0		5.7	
Insoluble matter	≤ 0.005	%	≤ 0.005	%
Bromide (Br)	≤ 0.005	%	≤ 0.005	%
Chlorate and Nitrate (as NO ₃)	≤ 0.003	%	≤ 0.003	%
Hexacyanoferrate II	≤ 0.0001	%	≤ 0.0001	%
Ferrocyanides	passes test		passes test	
Iodide (I)	≤ 0.001	%	≤ 0.001	%
Iodide (I)	passes test		passes test	
Nitrite (NO ₂)	passes test		passes test	
Phosphate (PO ₄)	≤ 0.0005	%	≤ 0.0005	%
Sulfate (SO ₄)	≤ 0.001	%	≤ 0.001	%
Total nitrogen (N)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (ACS)	≤ 0.0005	%	≤ 0.0005	%
As (Arsenic)	≤ 0.00004	%	≤ 0.00004	%
Ba (Barium)	passes test		passes test	
Ba (Barium)	≤ 0.001	%	≤ 0.001	%
Ca (Calcium)	≤ 0.002	%	≤ 0.002	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0001	%	≤ 0.0001	%
K (Potassium)	≤ 0.005	%	≤ 0.005	%
Mg (Magnesium)	≤ 0.001	%	≤ 0.001	%
Calcium, Magnesium and R ₂ O ₃ -precipitate	≤ 0.005	%	≤ 0.005	%
Magnesium and alkaline-earth metals (as Ca)	≤ 0.0100	%	< 0.0100	%
Loss on drying (105 °C, 2 h)	≤ 0.5	%	< 0.1	%

Corresponds to ACS,ISO,Reag. Ph Eur

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