



# Specification

1.06404.1000 Sodium chloride for analysis EMSURE® ACS,ISO,Reag. Ph Eur

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

Corresponds to ACS,ISO,Reag. Ph Eur

Dr. Hans Henning Brewitz

Responsible laboratory manager quality control

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