

# Specification

Item number: 3957

Sodium chloride

≥99,5 %, p.a., ACS, ISO

CAS No.: 7647-14-5

print date: 18.01.2024

formula: NaCl

density: 2,17

molecular weight: 58,44 g/mol

## Guarantee analysis

|  |           |
|--|-----------|
| Assay (arg.)                                 | ≥99,5 %   |
| Appearance of solution                       | complies  |
| pH-value (5 % in water)                      | 5,0-8,0   |
| In H <sub>2</sub> O insoluble matter         | ≤0,005 %  |
| Chlorate and nitrate (as NO <sub>3</sub> )   | ≤0,003 %  |
| Hexacyanoferrate (II) [Fe(CN) <sub>6</sub> ] | ≤0,0001 % |
| Total nitrogen (as N)                        | ≤0,001 %  |
| Phosphate (PO <sub>4</sub> )                 | ≤0,0005 % |
| Sulphate (SO <sub>4</sub> )                  | ≤0,002 %  |
| Bromide (Br)                                 | ≤0,01 %   |
| Iodide (I)                                   | complies  |
| Iodide (I)                                   | ≤0,002 %  |
| Aluminium (Al)                               | ≤0,0002 % |
| Arsenic (As)                                 | ≤0,0001 % |
| Barium (Ba)                                  | complies  |
| Barium (Ba)                                  | ≤0,001 %  |
| Calcium (Ca)                                 | ≤0,002 %  |
| Iron (Fe)                                    | ≤0,0002 % |
| Potassium (K)                                | ≤0,005 %  |
| Copper (Cu)                                  | ≤0,0002 % |
| Magnesium (Mg)                               | ≤0,001 %  |
| Nickel (Ni)                                  | ≤0,001 %  |
| Heavy metals (as Pb)                         | ≤0,0005 % |
| Magnesium, alkaline-earth metals (as Ca)     | ≤0,01 %   |
| Loss on drying                               | ≤0,5 %    |

Our products are tested for laboratory use only.  
The stated information refers to the current status of product quality.  
We reserve the right to implement necessary changes.

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**Dr. R. Niemand**  
*Head of Quality Assurance*

**S. Lorse**  
*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

