

# Specification

**Formula Hill:** ClNa  
**Molar Mass:** 58,44 g/mol  
**CAS N°:** 7647-14-5

Print Date: 12 April 2024

**111581 Sodium chloride, ACS, ISO (Reag. Ph. Eur.)**

## Specifications

Assay (argentom.)	99,5 - 100,5 %
Appearance	
- Colourless or white	conforms
- Crystals	conforms
Insoluble Matter	≤ 0,005 %
Appearance of solution	conforms
Acidity/Alkalinity	conforms
pH (5% solution)	5,0 - 8,0
Bromide (Br)	≤ 0,005 %
Iodide (I)	
Chlorate and nitrate (as NO <sub>3</sub> )	≤ 0,003 %
Phosphate (PO <sub>4</sub> )	≤ 5 ppm
Sulfate (SO <sub>4</sub> )	≤ 0,001 %
Ferrocyanides	conforms
Nitrite (NO <sub>2</sub> )	
- Absorbance (354nm, 10% solution)	≤ 0,01
Nitrogen compounds (as N)	≤ 5 ppm
Heavy metals	≤ 5 ppm
Arsenic (As)	≤ 0,4 ppm
Barium (Ba)	conforms
Calcium (Ca)	≤ 0,002 %
Copper (Cu)	≤ 2 ppm
Iron (Fe)	≤ 1 ppm
Magnesium (Mg)	≤ 0,001 %
Magnesium and alkaline-earth metals	≤ 0,01 %
Potassium (K)	≤ 0,005 %
Loss on drying (105°C)	≤ 0,5 %

# Specification

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