



Sodium chloride

Formula NaCl

Regulatory and technical documentation P N002400/01-221018

Quality indicator

Name of indicator	Standards
1. Description	White crystalline powder or granules, or colourless crystals
2. Solubility	Easily soluble in water, slightly soluble in alcohol 96%
3. Authenticity	Gives a characteristic reaction for sodium and chloride
4. The transparency of the solution	Must be transparent
5. Colour of solution	Must be colorless
6. Acidity or alkalinity	The color of the solution should change from the addition of no more than 0.5 ml of 0.01 M hydrochloric acid solution
7. Alkaline earth metals and magnesium (in terms of calcium)	$\leq 0.01\%$
8. Barium	The turbidity of the substance solution should not exceed the turbidity of the reference solution
9. Ferrum	$\leq 0,0002\%$
10. Heavy metal	$\leq 0,0005\%$
11. Sulfates	$\leq 0,005\%$
12. Potassium	$\leq 0,05\%$
13. Ammonium	$\leq 0,004\%$
14. Weight loss on drying	$\leq 0,5\%$
15. Arsenicum	$\leq 0,00005\%$
16. Phosphates	$\leq 0,0025\%$
17. Nitrites	Optical density not more than 0.01%
18. Aluminium	$\leq 0,00002\%$
19. Bromides	$\leq 0,01\%$
20. Iodides	No blue staining
21. Ferrocyanides	Blue coloring should not appear
22. Bacterial endotoxins	$\leq 5\text{ EE of }1\text{ g substance}$
23. Microbiological purity	Category 1.2 B
24. Quantitative determination	Not less than 99.5% NaCl in terms of dry matter
25. Marking	In accordance with the regulatory documentation