

Magnesium carbonate

Formula m: $\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2$

Regulatory and technical documentation P N002500/01-250718

Quality indicator

Name of indicator	Standards
1. Description	White amorphous powder, odorless
2. Solubility	Practically insoluble in water and alcohol 96%. Soluble in hydrochloric acid, diluted 7.3 % , nitric acid diluted to 12.5%, it is soluble in acetic acid diluted to 30%, easily in boiling acetic acid diluted to 30%
3. Authenticity	The substance gives a characteristic reaction on carbonates and magnesium
4. The transparency of the solution	A solution of the substance according to the degree of turbidity should not exceed the standard 1
5. Colour of solution	The color of the solution should not be more intense than the standard BY ₅
6. Chlorides	≤ 0,01 %
7. Sulfates	≤ 0,02 %
8. Calcium	≤ 0, 3 %
9. Heavy metal	≤ 0,002 %
10. Barium	The solution should be transparent for 5 minutes
11. Ferrum	≤ 0,005 %
12. Alkali metal carbonates	≤ 1.3 ml 0.05 M hydrochloric acid solution
13. Soluble salt	≤ 1,25 %
14. Arsenicum	≤ 0,0002 %
15. Weight loss on drying	≤ 4,0%
16. Microbiological purity	Category 2.2
17. Quantitative determination	40.0 % -44,0% MgO
18. Marking	In accordance with the regulatory documentation