

Magnesium oxide, precipitated from natural raw materials

Formula MgO

Regulatory and technical documentation Specification TU 6-09-3023-79

Appearance white powder

Quality indicator

Name of indicator	Requirements TU	
	Pure Grade	Purified
1. Mass fraction of magnesium oxide (MgO), %, ≤	95,0	95,0
2. Loss in weight during calcination, %, ≤	4,0	4,0
3. Mass fraction of insoluble substances in hydrochloric acid, %, ≤	0,05	0,05
4. Mass fraction of water-soluble substances, %, ≤	0,75	0,75
5. Mass fraction of silicon acid and precipitated with ammonia substances, %, ≤	0,10	0,15
6. Mass fraction of sulphates (SO ₄), %, ≤	0,03	0,03
7. Mass fraction of phosphates (PO ₄), %, ≤	0,01	0,15
8. Mass fraction of chlorides (Cl), %, ≤#H/Д	0,03	0,03
9. Mass fraction of barium (Ba), %, ≤	0,005	0,005
10. Mass fraction of ferrum (Fe), %, ≤	0,01	0,01
11. Mass fraction of heavy metals (Pb), %, ≤	0,01	0,01
12. Mass fraction of calcium (Ca), %, ≤	0,5	0,5
13. Mass fraction of nitrates (NO ₃), %, ≤	0,005	0,005