

## Magnesium oxide for flaw detection

Formula MgO

Regulatory and technical documentation Specification TU 2123-001-15362230-2015

Appearance white powder

### Quality indicator

Name of indicator	Requirements TU
1. Mass fraction of magnesium oxide (MgO), %, $\geq$	85,0
2. Mass fraction of losses on ignition, %, $\leq$	13,0
3. Mass fraction of insoluble substances in hydrochloric acid, %, $\leq$	0,05
4. Mass fraction of water-soluble substances, %, $\leq$	0,75
5. Mass fraction of total sulfur (SO <sub>4</sub> ), %, $\leq$	0,1
6. Mass fraction of chlorides (Cl), %, $\leq$	0,05
7. Mass fraction of barium (Ba), %, $\leq$	0,005
8. Mass fraction of ferrum (Fe), %, $\leq$	0,01
9. Mass fraction of heavy metals (Pb), %, $\leq$	0,01
10. Mass fraction of calcium (Ca), %, $\leq$	0,5
11. Mass fraction of nitrates (NO <sub>3</sub> ), %, $\leq$	0,02
12. Activity (iodine number), mg-EQ J / 100g MgO, $\geq$	100
13. Bulk weight, g/cm <sup>3</sup>	0,25-0,35
14. Sieve residue with mesh No. 018 (GOST 6613), %, $\leq$	0,1