

## Copper (II) sulphate 5-aqueuos

**Formula**  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

**Regulatory and technical documentation** GOST 4165-78

**Appearance** crystal blue powder

### Quality indicator

Name of indicator	Requirements GOST		
	Chemically Pure Grade	Analytical Pure Grade	Pure Grade
1. Mass fraction 5-aqueous copper sulphate (II) $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ , %, $\geq$	99,5	99,5	98,5
2. Mass fraction of water insoluble substances, %, $\leq$	0,002	0,004	0,008
3. Mass fraction of nitrogen general (N), %, $\leq$	0,001	0,002	0,008
4. Mass fraction of chlorides (Cl), %, $\leq$	0,0005	0,0005	0,0050
5. Mass fraction of ferrum (Fe), %, $\leq$	0,001	0,005	0,020
6. Mass fraction of arsenic (As), %, $\leq$	0,0005	0,0005	не нор.
7. Mass fraction of unsettleable $\text{H}_2\text{S}$ substances, %, $\leq$	0,05	0,10	0,20
8. Mass fraction of nickel (Ni), %, $\leq$	0,002	not normalized	not normalized