



Ferrous sulphate

Formula $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

Regulatory and technical documentation FS 000816-250718

Quality indicator

Name of indicator	Standards
1. Description	Pale greenish-blue crystals
2. Solubility	Easily soluble in water, practically insoluble in alcohol 96 %
3. Authenticity Ferrum (II) Sulfates	Ferrum (II) - blue precipitate is formed Sulfates-a white precipitate is formed, insoluble in dilute mineral acids
4. Chlorides	$\leq 0,002 \%$
5. Ferrum (III)	$\leq 0,1 \%$
6. Plumbum	$\leq 0,003 \%$
7. Arsenicum	$\leq 0,0001 \%$
8. Cuprum	$\leq 0,005 \%$
9. Magnesium	$\leq 0,03 \%$
10. Zincum	$\leq 0,01 \%$
11. Substances, insoluble in water	$\leq 0,01 \%$
12. pH	3,3 - 3,8
13. Microbiological purity	Category 2.2
14. Quantitative determination	99,0 % - 101,0 %
15. Marking	In accordance with the regulatory documentation