



SODIUM METABISULFITE (SMBS) (Food Grade)

EINECS: 231-673-0

PRODUCT SPECIFICATION

SODIUM METABISULFITE (FOOD GRADE) - E223

Appearance :	White or pale yellow clear, crystalline with and odor of sulfur dioxide
Concentration (Na ₂ S ₂ O ₅)	: min. % 98 (m/m)
SO ₂ content	: min. % 66,02 (m/m)
Na ₂ SO ₃ content	: max. % 1,5 (m/m)
Na ₂ S ₂ O ₃ content	: max. % 0,02 (m/m)
Na ₂ SO ₄ content	: max. % 2 (m/m)
Iron (Fe) content	: max. 5 ppm
Heavy Metals	
(Fe excluded, Pb content)	: max. 10 ppm
Chloride (Cl) content	: max. % 0.02 (m/m)
Arsenic (As) content	: max. 0.5 ppm
Lead(Pb)content	: max. 0.5 ppm
Cadmium (Cd) content	: max. 50 ppb
Selenium (Se) content	: max. 0.5 ppm
Insolubility	: Yok
pH (10% solution)	: 4-5,5
Mercury (Hg) content	: max. 0.1 ppm

ANALYTICAL METHOD

Visual
Titrimetric
Titrimetric
Titrimetric
Turbidimetric
Turbidimetric
Kolorimetric
Kolorimetric
Titrimetric
AAS
AAS
AAS
AAS
Gravimetric
pHmeter
AAS

PRODUCTION METHOD : Continue

RAW MATERIAL CONTENT : Sulfur, Sodium Carbonate, Sodium Hydroxide

PACKAGING

Delivered in 25 kg polyethylene bags, resistant to moisture and physical damage or in 900 - 1000 kg polypropylene big-bags with polyethylene liners.

APPLICATION FIELDS

- Anthichlore in bleaching in textile industry
- Antiseptic in production of cellulose esters
- Main raw material in production of sodium hydrosulfite, aromatic alcohols and aldehydes
- Preservative and disinfectant in food and baverage industries as a source of sulfur dioxide
- Antiseptic in fermentation process
- Color removing in paint and leather industries
- Disinfectant in cosmetic and canned industry
- Various applications in paper, fiber, rubber and adhesive industries

STORAGE AND HANDLING

It should be stored in a dry and closed area avoiding contact with air. In damp places due to the SO₂ decomposition it loses its activity. Air contact must be prevented. Do not use in covered unaerrated rooms.

Shelf Life : 2 years

WARRANTY

All above information is the best of our knowledge obtained during process and research. Every user of our product should verify the data under its own conditions.

ECO SAFE CLEAN SOLUTIONS

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