

SALES SPECIFICATION

Product: Sodium Metabisulfite

SODIUM METABISULFITE - E223 (SMBS) (FOOD GRADE) Na₂S₂O₅

PRODUCT SPECIFICATIONS:

SODIUM METABISULFITE (FOOD GRADE)- E223)

Appearance	: White or pale yellow clear, crystalline powder with an odor of sulfur dioxide
Na ₂ S ₂ O ₅	: min % 98 (m/m)
SO ₂ content	: min % 66,02 (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 type)	
Chloride (Cl) content	: max % 0.1 (m/m)
Arsenic (As) content	: max 0.5 ppm
Lead (Pb) content	: max. 05. ppm
Cadmium (Cd) content	: max 50 ppb
Selenium (Se) content	: max 0.5 ppm
Insolubility	: None
pH (% 5 solution)	: 4-4,6
Mercury (Hg) content	: max 0.1 ppm

ANALYTICAL METHOD

Visual
Titrimetric
Titrimetric
Titrimetric
Turbidimetric
Colorimetric
Turbidimetric
Titrimetric
Polarographic / AAS*
Polarographic
Polarographic
ASS*
Gravimetric
pHmeter
Polarographic / AAS*

*AAS : Atomic Absorbation Spectrometry

PACKAGING:

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

APPLICATION FIELDS:

- Antichlore 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 beverage 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 unaerated rooms .

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