



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

PRODUCT SPECIFICATIONS:

SODIUM METABISULFITE (FOOD GRADE)- E223)

SODIUM METABISULFITE (FOOD GRADE)- E223)		ANALYTICAL METHOD
Appearance	: White or pale yellow clear, crystalline powder with an odor of sulfur dioxide	Visual
Na ₂ S ₂ O ₅	: min % 98 (m/m)	Titrimetric
SO ₂ content	: min % 66,02 (m/m)	Titrimetric
Na ₂ S ₂ O ₃ content	: max % 0,02 (m/m)	Titrimetric
Na ₂ SO ₄ content	: max % 2 (m/m)	Turbidimetric
Iron (Fe) content	: max 5 ppm	Colorimetric
Heavy Metals		
(Fe excluded, Pb type)		Turbidimetric
Chloride (Cl) content	: max % 0.1 (m/m)	Titrimetric
Arsenic (As) content	: max 0.5 ppm	Polarographic / AAS*
Lead (Pb) content	: max. 05. ppm	Polarographic
Cadmium (Cd) content	: max 50 ppb	Polarographic
Selenium (Se) content	: max 0.5 ppm	ASS*
Insolubility	: None	Gravimetric
pH (% 5 solution)	: 4-4,6	pHmeter
Mercury (Hg) content	: max 0.1 ppm	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 un-aerated rooms .

WARRANTY:

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

Vişnezade Mah. Süleyman Seba Cad.

No: 82 Maçka - İSTANBUL / TÜRKİYE

T: +90(212) 381 71 00 F: +90(212) 259 12 92

www.akkim.com.tr

