

Sulfur Shimi Kashan Co.

(Ltd)



SODIUM METABISULFITE DATA SHEET

- Chemical formula : $\text{Na}_2\text{S}_2\text{O}_5$
- Molecular Weight : 190.13
- CAS No. : 7681 - 57 - 4
- Product Appearance : white, or faint yellow, crystalline powder
- 20% Solution In water : Clear and colorless or slightly yellowish
- Packing: 25 kg, double layer PE bags, resistant to moisture and physical damage or 500 kg PP big-bag with PE liners.

CHEMICAL ANALYSIS

	<u>Food/Photo Grade*</u>	<u>Technical Grade</u>
- Assay (as $\text{Na}_2\text{S}_2\text{O}_5$), Avg.	97±0.5%	97±0.5%
- SO_2 Percentage, Ave.	65.4%	65.4
- $\text{Na}_2\text{S}_2\text{O}_3$, Max.	0.04%	-----
- PH Value (50 gr/ lit .)	4.0-4.8	4.0-4.8
- Iron Max.	0.001%	-----
- Heavy Metals (as Pb), Max.	0.001%	-----
- Arsenic, Max.	0.0002%	-----
- Zinc, Max.	0.0005%	-----
- Selenium, Max.	0.003%	-----
- NaCl, Max.	0.005%	-----
- Insolubles, Max.	0.015%	-----
- Ammonical AgNO_3 Test	Passed	-----
- Copper	0.0005%	-----

*The product meets the specification of U.S. chemical food codex, E223 and ANSI PH 4.276 standard.

Applications

- Various applications in paper, fiber, rubber and adhesive industries
- Color removing in paint and leather industries
- Antiseptic in fermentation process
- Preservative and disinfectant in food and beverage industries
- Main raw material in production of sodium hydrosulfite, aromatic alcohols and aldehydes
- Antiseptic in production of cellulose esters

Warranty

The above mentioned products are sold without warranty, express or implied. Purchasers shall make their own tests to determine the suitability of such products for their specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights are observed.

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