

Potassium Meta Bisulphite Food Grade

Product Properties and technical data.

Chemical name: -	Potassium Meta Bisulphite.
Chemical HS number: -	28322010
Chemical Formula: -	$K_2S_2O_5$
Molecular weight: -	222
E-number (preservative) –	E224
Cas No.: -	16731-55-8
Widely known as: -	PMBS, Potassium Meta bisulfite, Potassium Bisulphite. Food Preservative.

General Specification:

Sr No	Characteristics	Specifications
1	Physical Appearance	White Crystalline Powder
2	Assay as $K_2S_2O_5$ % by mass.	95% mini
3	Clarity of 10% solution	Clear and color less
4	pH of 10% solution	4 to 5.5
5	Iron as Fe	10 ppm Max
6	Heavy metal as Lead (Pb)	5 ppm Max
7	Arsenic	3 ppm max
8	Selenium	3 ppm max
9	Water insoluble	0.05% max

All the parameters are tested using a process issued by Bureau of Indian standard (BIS). The instruments used in the process are calibrated by NABL acerbated labs.

Application: -

Food-grade Potassium Metabisulfite (PMBS) is widely used as a food preservative. It is commonly used to preserve vegetables, fruits, pickles, potato chips, namkeen, and other fried snacks. Additionally, it is extensively utilized in the beer and wine industry. PMBS is preferred in the cottage food industry as a preservative because it is tasteless and considered a better alternative to sodium-based preservatives. The general dosage of PMBS in the food industry ranges from 0.3 mg to 0.7 mg per kg of food. Apart from its food applications, PMBS is also used in the photography and pharmaceutical industries.

Handling and storage:

The self-life of the material is 12 months. Do not tamper the seal (packing). Once open use the material as soon as possible. Store in a well ventilated area under the shade away from direct sunlight, heat or flames. Preferable in a shed where there is no weather effect.

Packing: -

25kg HDPE Drums, 30kg HDPE Drums, 50 kg HDPE bags and Jumbo bags for exports.

Production Capacity: -

We have a monthly production capacity of 300mt to 450Mt of Potassium Meta Bisulphite.