

## SODIUM METABISULPHITE FOOD GRADE - FG E-223

### **DESCRIPTION:**

Sodium Metabisulphite

### **APPEARANCE:**

White fine crystalline powder

### **STRUCTURAL FORMULA:**

$\text{Na}_2\text{S}_2\text{O}_5$

### **EINECS n.:**

231-673-0

### **CAS n.:**

7681-57-4

### **$\text{Na}_2\text{S}_2\text{O}_5$ (%):**

98 (min.)

### **$\text{SO}_2$ (%):**

66 (min.)

### **pH (10 % solution, w/v):**

4.0 - 5.5

### **CHLORIDE (%):**

0.05 (max.)

### **REACTION TO AMMONICAL SILVER NITRATE:**

To pass test

### **SOLUBILITY:**

Soluble in water

### **TEST FOR SULPHITE:**

To pass test

### **TEST FOR SODIUM:**

To pass test

### **THIOSULFATE (%):**

0.1 based on the  $\text{SO}_2$  content

### **SODIUM SULFITE (%):**

0.6 (max.)

### **HEAVY METALS, as Pb (ppm):**

10 (max.)

### **ARSENIC (ppm):**

0.5 (max.)

### **LEAD (ppm):**

0.5 (max.)

### **MERCURY (ppm):**

0.1 (max.)

### **IRON (ppm):**

5 (max.)

### **SELENIUM (ppm):**

5 (max.)

### **SCREEN SIZE (% by weight):**

Through 20 mesh	: 99.0 - 100.0
On 40 mesh	: 0.0 - 20.0
Through 100 mesh	: 0.0 - 45.0

### **SHELF LIFE:**

24 months

### **PACKING:**

- 1) 25 kg PE bags.
- 2) 25/1000, 25/1125, 25/1225, 25/1250 kg shrink pallets.
- 3) 1000, 1100, 1200, 1250 kg PP big-bags shrink pallets.

Product supplied to these specifications meets requirement for food additive E223 under EU Commission Regulation No 231/2012

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