



## CERTIFICATE OF ANALYSIS

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### 1. Identification

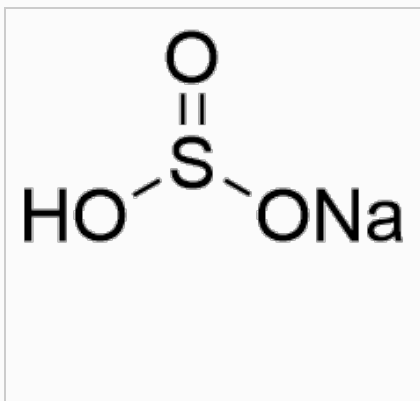
**Catalogue Number:** S614400

**CAS Number:** 7631-90-5

**Product:** Sodium Bisulfite (mixture of NaHSO<sub>3</sub> and Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>)

**Synonym:** Sulfurous Acid Monosodium Salt; E 222; FR-62; Hydrogen Sodium Sulfite; Hydrogen Sulfite Sodium; Monosodium Sulfite; Sodium Acid Sulfite; Sodium Bisulfite; Sodium Bisulfite (NaHSO<sub>3</sub>); Sodium Bisulphite; Sodium Hydrogen Sulfite; Sodium Sulfite (NaHSO<sub>3</sub>);

**Structure:**



**Molecular Formula:**

NaHSO<sub>3</sub>

**Molecular weight:**

104.06

**Source of Product:**

N/A

**Solubility:**

Aqueous Acid (Slightly),  
Methanol (Very Slightly),  
Water (Slightly)

**Lot Number:** 2-DAR-78-1

**Purity:** N/A

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

| Tests:         | Specifications:          | Results:                     |
|----------------|--------------------------|------------------------------|
| Appearance     | White to Off-White Solid | White Solid                  |
| Sodium Content | Report Result            | 24.35% by Ion Chromatography |
| Sulfur Content | Report Result            | 31.68%                       |

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

| Reviewed By | Reviewed By   | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu  | Toni Rantanen | Chanell Chu        | 9/21/2021 | 9/19/2025   |