

**SODIUM NITRITE SPECIFICATIONS**

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|-----------------------|-------------------|
| 1. Name:              | Sodium Nitrite    |
| 2. Molecular Formula: | NaNO <sub>2</sub> |
| 3. Molecular Weight:  | 69                |

**PHYSICAL CHARACTERISTICS**

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|----------------------|------------------------------------|
| 1. Description:      | White or slightly yellowish powder |
| 2. Water Solubility: | 0.05 % Max                         |

**CHEMICAL CHARACTERISTICS**

- |  |                                       |
|--|---------------------------------------|
| 1. Purity (dry basis):                             | 99 % Min                              |
| 2. Alkalinity as Na <sub>2</sub> CO <sub>3</sub> : | 0.20 % Max                            |
| 3. Loss on drying:                                 | 0.50 % Max                            |
| 4. Chloride (Cl):                                  | 0.10 % Max                            |
| 5. Sodium Nitrate:                                 | 1 % Max                               |
| 6. Iron (Fe):                                      | 0.002 % Max                           |
| 7. Heavy Metals (Pb):                              | 0.005 % Max                           |
| 8. Clarity of 30 % aqueous solution:               | Clear with frothing material solution |
| 9. Anticaking agent by turbidity:                  | 0.20 % Max                            |