



PRODUCT SPECIFICATIONS

SODIUM METABISULFITE NF/FOOD AND PHOTO GRADE

CODE: 1NP04E
EFFECTIVE: 01/01/2022

PARAMETERS & SPECIFICATIONS

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| Sodium Metabisulfite ($\text{Na}_2\text{S}_2\text{O}_5$) | 98.6 - 99.8 % |
| Sodium Sulfite (Na_2SO_3) | 0.0 - 0.6 % |
| Sulfur Dioxide (SO_2) | 66.4 - 67.2 % |
| pH (10% solution) | 4.0 - 4.6 |
| Chloride (Cl) | 0.0 - 0.02 % |
| Insoluble Matter (Ca, Mg, NH_4OH ppt) | 0.0 - 0.05 % |
| Sodium Thiosulfate ($\text{Na}_2\text{S}_2\text{O}_3$) | 0.0 - 0.04 % |
| Arsenic (As) | 0.0 - 1.0 ppm |
| Heavy Metals (as Pb) | 0.0 - 10.0 ppm |
| Iron (Fe) | 0.0 - 5.0 ppm |
| Lead (Pb) | 0.0 - 0.5 ppm |
| Selenium (Se) | 0.0 - 5.0 ppm |
| Appearance | White Crystals |
| Appearance of Solution | Clear and Free from Insoluble Matter Except for a Slight Flocculence |
| Identification | To Pass Tests |
| Reaction to Amm Silver Nitrate | To Pass Test |
| <u>Screen Size (U.S. Sieve) % by Weight:</u> | |
| Through 20 Mesh | 99.0 - 100.0 % |
| On 40 Mesh | 0.0 - 20.0 % |
| Through 100 Mesh | 0.0 - 35.0 % |

REMARKS

Meets specification requirements of National Formulary (NF), Food Chemicals Codex (FCC), American National Standards Institute (ANSI), and International Standards Organization (ISO)

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