



# PRODUCT SPECIFICATIONS

## SODIUM METABISULFITE NF/FOOD AND PHOTO GRADE

CODE: 1NP04E  
EFFECTIVE: 08/01/2023

### PARAMETERS & SPECIFICATIONS

Sodium Metabisulfite ( $\text{Na}_2\text{S}_2\text{O}_5$ )	98.6 - 99.8 %
Sodium Sulfite ( $\text{Na}_2\text{SO}_3$ )	0.0 - 0.6 %
Sulfur Dioxide ( $\text{SO}_2$ )	66.4 - 67.2 %
pH (10% solution)	4.0 - 4.6
Chloride (Cl)	0.0 - 0.02 %
Insoluble Matter (Ca, Mg, $\text{NH}_4\text{OH}$ 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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