PRODUCT SPECIFICATIONS

SODIUM METABISULFITE

NF/FOOD AND PHOTO GRADE

CODE: 1NP04E
EFFECTIVE: 11/02/2026
VERSION: 8.0

PARAMETERS & SPECIFICATIONS

Sodium Metabisulfite ($Na_2S_2O_5$)	98.7 - 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
Chlorides (Cl)	0.0 - 0.02 %
Insoluble Matter (Ca, Mg, NH_4OH ppt)	0.0 - 0.05 %
Sodium Thiosulfate ($Na_2S_2O_3$)	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
Screen Size (U.S. Sieve) % by Weight:	
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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