



Certificate of Analysis

Sodium Metabisulfate ACS/NF/FCC

Catalog Number: SM1006
Lot Number: 0925901
CAS Number: 7681-57-4
Molecular Formula: Na₂S₂O₅
Molecular Weight: 190.11
Storage: 15°C – 30°C
Date of Manufacture: October 02, 2018
Retest Date: October 01, 2023

Test	Specification	Result
Appearance	White to yell crystalline granules	Conforms
Assay (as Na ₂ S ₂ O ₅)	97.0 – 100.5%	97.8%
Assay (as SO ₂)	65.0 – 67.4%	66.57%
Identification	To pass test	Conforms
Solubility	Freely soluble in water, slightly soluble in alcohol	Conforms
Appearance of solution	To pass test	Conforms
pH (5%)	3.5 – 5.0	4.39
Insoluble Matter	≤ 0.005%	0.003%
Chloride	≤ 0.05%	< 0.05%
Thiosulfate (S ₂ O ₃)	≤ 0.05%	< 0.05%
Thiosulfate	To pass test	Conforms
Heavy Metals	≤ 0.001%	< 0.001%
Arsenic	≤ 4ppm	< 4ppm
Iron	≤ 0.001%	< 0.001%
Lead	≤ 2ppm	0.9ppm
Selenium	≤ 5ppm	< 5ppm

Residual Solvents: water is the only solvent used in the manufacture of the product.

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

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Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

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