



Specification

Sodium Metabisulfate ACS/NF/FCC

Catalog Number: SM1006
CAS Number: 7681-57-4
Molecular Formula: $\text{Na}_2\text{S}_2\text{O}_5$
Molecular Weight: 190.11
Storage: 15°C – 30°C
Retest Date: Five years after date of manufacture.

Test	Specification
Appearance	White to yell crystalline granules
Assay (as $\text{Na}_2\text{S}_2\text{O}_5$)	97.0 – 100.5%
Assay (as SO_2)	65.0 – 67.4%
Identification	To pass test
Solubility	Freely soluble in water, slightly soluble in alcohol
Appearance of solution	To pass test
pH (5%)	3.5 – 5.0
Insoluble Matter	$\leq 0.005\%$
Chloride	$\leq 0.05\%$
Thiosulfate (S_2O_3)	$\leq 0.05\%$
Thiosulfate	To pass test
Heavy Metals	$\leq 0.001\%$
Arsenic	$\leq 4\text{ppm}$
Iron	$\leq 0.001\%$
Lead	$\leq 2\text{ppm}$
Selenium	$\leq 5\text{ppm}$

Approved by:

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