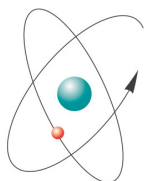


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<b>MATERIAL SPECIFICATION</b>
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**Product name:** Sodium Metabisulphite Food Grade (E223)  
**Product code:** 8450

**Appearance:** White Coarse-grain, Crystalline

Parameter	Value	Method of Analysis
SMBS content	min. 98% (w/w)	Titrimetric
SO <sub>2</sub>	min. 66.02% (w/w)	Titrimetric
Na <sub>2</sub> SO <sub>3</sub> (Sod. Sulphite)	max. 1.5% (w/w)	Titrimetric
S <sub>2</sub> O <sub>3</sub> <sup>-2</sup> (Sod. Thiosulfate)	max. 0.02% (w/w)	Turbidimetric
Na <sub>2</sub> SO <sub>4</sub> (Sod. Sulphate)	max. 2% (w/w)	Turbidimetric
Iron (Fe)	max. 5 ppm	Colorimetric
Heavy metals * (as Pb)	max. 10 ppm	Colorimetric
Chloride (Cl)	max. 0.005% (w/w)	Titrimetric
Arsenic (As)	max. 0.5 ppm	ICP/AAS **/**
Lead (Pb)	max. 0.5 ppm	ICP/AAS **/**
Cadmium (Cd)	max. 50 ppb	ICP/AAS **/**
Selenium (Se)	max. 0.5 ppm	AAS **/**
Insoluble matters in water	none	Gravimetric
pH value (10% water solution)	4.0 - 5.5	pH-Meter
Mercury content (Hg)	max. 0.1 ppm	ICP/AAS **/**

\* Heavy metals excluding Fe

\*\* Every three months and when raw material(s) source changes

\*\*\* ICP: Inducted Coupled Plasma / AAS : Atomic Absorption Spectrophotometer

The above information has been provided by the supplier and Resource Chemical Ltd accepts no responsibility for the correctness of any details.

Specification Date: 26.01.15  
 RCL Review Date: 29.01.15