

**SINPRO S.A. DES PRODUITS POUR L'INDUSTRIE**  
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**PRODUCT SPECIFICATION SHEET**

PRODUCT NAME / CODE : SODIUMMETABISULPHITE ( $\text{Na}_2\text{S}_2\text{O}_5$ )-E223

TYPE : FOOD GRADE

PARAMETERS	SPECIFICATION VALUE	ANALYSIS METHOD	ANALYSIS FREQUENCY
Purity ( $\text{Na}_2\text{S}_2\text{O}_5$ )	98 % (w/w) Min.	Titrimetric	Max. Every Two Tons
$\text{SO}_2$ Content	66.02 % (w/w) Min.	Titrimetric	Max. Every Two Tons
$\text{Na}_2\text{SO}_3$ Content	2 % (w/w) Max.	Titrimetric	Weekly
$\text{Na}_2\text{S}_2\text{O}_3$ Content	0.02 % (w/w) Max.	Turbidimetric	Weekly
$\text{Na}_2\text{SO}_4$ Content	2 % (w/w) Max.	Turbidimetric	Weekly
Iron (Fe) Content	5 ppm Max.	Colorimetric	Max. Every Five Tons
Heavy metals (*) (as Pb)	10 ppm Max.	Turbidimetric	Monthly
Chloride (Cl <sup>-</sup> ) content	0.1 % (w/w) Max.	Titrimetric	Weekly
Arsenic (As) content	0.5 ppm Max.	Polarographic/AAS	Every Three Months (**)
Lead (Pb) content	0.5 ppm Max.	Polarographic	Every Three Months
Cadmium (Cd) content	50 ppb Max.	Polarographic	Every Three Months
Selenium (Se) content	0.5 ppm Max.	AAS (***)	Every Three Months
Insoluble in water	None	Gravimetric	Weekly
pH (5 % water solution)	4 - 4.6	pH - meter	Max. Every Two Tons
Mercury (Hg) content	0,1 ppm. Max.	Polarographic/AAS	Every Three Months

(\*) Total heavy metals excluding Fe.

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

(\*\*\*) AAS: Atomic Absorbtion Spectrophotometer