



## Exir Sanat Hyrcanian CO

### Sodium Metabisulfite

#### General

Product name	: PS_SM
Other chemical Name(s)	: Sodium Disulfite, Sodium Pyrosulfite, Sodium Bisulfite Anhydrous
Chemical Formula	: Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>
Molecular Weight	: 190.13 gr/mol
CAS No	: 7681-57-4
Bulk Density	: 1.03_1.20 gr/cm <sup>3</sup>
Product Appearance	: white or off white ,finely crystalline powder with a faint of sulfur dioxide odor.
20% Solution Appearance	: Clear colorless or pale yellowish solution.
Storage	: Store in original , Unopend bags in a cool and dry conditions.
Shipping information	: IMO Classification : Non-Hazardous, H.S. Tariff NO:283220
Safety & Handling	: Always refer to the manufacturer MSDS.
Packing	: 25 kg .Double Layer.PE Bags.(1MT Jumbo Bags)

#### Specification

Parameter	Unit	Specification		Test method
Appearance of solution		Clear+Colorless		Europe . Pharmacop
		Technical grade	Food/photo grade	
$Na_2S_2O_5$	Gr/100gr	96.0	97.5	ANSI PH 4.276-1980
$SO_2$	Gr/100gr	64	66	Calculated
Thiosulfate(as $S_2O_3^{2-}$ )	Gr/100gr	-	0.025	USP NF 25
PH value(10% solution)		4.0 – 4.8	4.0 – 4.8	BASF method
Chloride	mg/kg		50	RCA/Q-IC-01
Heavy metal as Pb	mg/kg	10>	10>	AES-BASF M91/41
Heavy metal as Pb (Cd,Cu,Cr,Pb,Zn)	mg/kg		<2(each)	AES-BASF M91/41
Iron	mg/kg	10<	10>	ASS-BASF M90/5
Insoluble matter	gr/100gr		0.05	ANSI PH4.276-1980
$Na_2SO_4$		Remainder	Remainder	Calculated

#### Industrial Application

- Food and Brewing
- Photography
- Water Treatment
- Environment
- Textile
- Leather Industries
- Brewing
- Chemical Manufacturing