



## Technical Data Sheet



### Sodium Sulfide

Row	Item	Result	Method
1	Na <sub>2</sub> S	60 ± 2 %	ISIRI 2074
2	Na <sub>2</sub> SO <sub>3</sub>	Less Than 2 % wt	ISIRI 2074
3	Na <sub>2</sub> CO <sub>3</sub>	Less Than 0.5 % wt	ISIRI 2074
4	Fe	Less Than 10 ppm	AAS
5	Unsoluble	Less Than 15 ppm	
6	Density	1600 kg/m <sup>3</sup>	
7	Melting Point	90 °C	
8	Colour	Yellow	

- CAS No : 1313-82-2
- Molecular Formula : Na<sub>2</sub>S
- Molecular Weight : 78.05
- Synonyms : anh. sodium sulfide, anhydrous sodium sulfide, CHEBI:76208

**Applications :** Sodium sulfide is a chemical compound, Sodium sulfide is used in the pulp and paper industry, water treatment, textile industry, and various chemical manufacturing processes including the production of rubber chemicals, sulfur dyes and oil recovery. Along with its hydrate form, sodium sulfide releases hydrogen sulfide (H<sub>2</sub>S) when in contact with moist air.

