



Product Specification

cdhfinechemical.com

SODIUM THIOSULPHATE PENTAHYDRATE PURIFIED

PRODUCT CODE	030235
SYNONYMS	(Sodium Thiosulphate- 5-hydrate, Hypo)
C.I. NO.	--
CASR NO.	(10102-17-7)
ATOMIC OR MOLECULAR FORMULA	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	248.17
PROPERTIES	Cooling taste and bitter aftertaste, deliquescent in moist air.
NaO-S(=O)(=S)-ONa • 5H₂O	
PARAMETER	LIMIT
Description	Colourless crystals or crystalline powder, free from white powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (iodometric)	98.5-102%
MAXIMUM LIMIT OF IMPURITIES	
Sulphate & Sulphite (SO ₄)	0.1%
Sulphide (S)	0.001%
Iron (Fe)	0.001%
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code :
Hazard statements : Not hazardous. No hazards.	UN No. :
Precautionary statements	IATA :
Prevention: -----	
Response: ---	
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
Hazard Pictogram(s) :----	

Replace Date 06-Feb-2026