

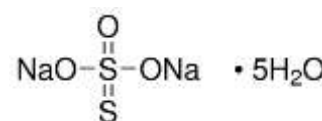


Product Specification

cdhfinechemical.com

SODIUM THIOSULPHATE PENTAHYDRATE AR/ACS MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	646905
SYNONYMS	--
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 .



PARAMETER	LIMIT
Description	Colourless crystals or crystalline powder, free from white powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test
Minimum Assay (Iodometric)	99-101%
pH (10% soln.in water)	6.0 – 8.4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Water (vacuum at 40-45°for 16 hrs)	32 – 37%
Nitrogen compounds (N)	0.002%
Sulphate & Sulphite (SO ₄)	0.1%
Arsenic (As)	0.0002%
Copper (Cu)	0.0005%
Sulphide (S)	Passes test

Note(s): 1] Assay (if applicable) method mentioned.

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code : UN No. : IATA :
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 17-Sep-2025