

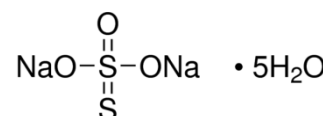


Product Specification

cdhfinechemical.com

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

PRODUCT CODE	646905
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10102-17-7)
ATOMIC OR MOLECULARFORMULA	Na₂S₂O₃.5H₂O
ATOMIC OR MOLECULARWEIGHT	248.17
PROPERTIES	Cooling taste and bitter aftertaste, deliquescent in moist air .



PARAMETER	LIMIT
Description	Colourless crystals, 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	0.003%
Water (vacuum at 40-45°for 16 hrs)	32 – 37%
Chloride (Cl)	0.02%
Nitrogen compounds (N)	0.002%
Sulphate (SO ₄)	0.03%
Arsenic (As)	0.0002%
Calcium (Ca)	0.002%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.001%
Sulphide (S)	0.0002%

Note(s): 1] 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 7-AUG-2020