



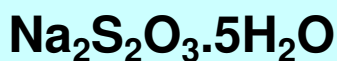
SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20268XPS.xls
PRODUCT CODE	20268
PRODUCT NAME	SODIUM THIOSULPHATE AR, ACS, ISO Meets Analytical Specification of IP, BP, USP, Ph. Eur
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10102-17-7)
ATOMIC OR MOLECULAR	Na ₂ S ₂ O ₃ .5H ₂ O
ATOMIC OR MOLECULAR WEIGHT	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)	99.50%
pH (10% soln.in water)	6.0 – 8.4
Water (vacuum at 40-45° for 16 hrs)	32 – 37%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
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) : 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) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

