



SDFCL
S d fine-CHEM limited
Quality Control Dept.



Qua

Product Specification

E Control	QC2\DATAD\D\PS\20904XPS.xls		
PRODUCT CODE	20904		
PRODUCT NAME	2- THIOBARBITURIC ACID AR		
SYNONYMS	(4,6-Dihydroxy-2-mercaptopyrimidine-2-thiol, TBA)		
C.I. NO.	--		
CASR NO.	(504-17-6)		
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₄ N ₂ O ₂ S		
ATOMIC OR MOLECULAR WEIGHT	144.15		
PROPERTIES	--		
<chem>O=C1NC(=S)C(=O)NC1=O</chem>			
PARAMETER	LIMIT		
Description	Pale yellow to cream powder.		
Identification (By FTIR)	Conforms.		
Minimum Assay (acidimetric; on dried)	99.00%		
pH (1% solution in water)	About 1.8		
Loss on drying	Max. 1.0%		
Residue on ignition	Max. 0.1%		
MAXIMUM LIMIT OF IMPURITIES			
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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 in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.			
Hazard Pictogram(s) :--			
Prepared By :	Checked By:	Approved By:	Issue Date : 20.12.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. : Date : 01.04.2010	Sign. : Date : 01.04.2010	Sign. : Date : 02.04.2010	Revision dt. : 02.04.2010 AMEND NO. : 1554

