



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID\PS\20264XPS.xls		
PRODUCT CODE	20264		
PRODUCT NAME	SODIUM SULPHATE ANHYDROUS AR , ACS (For General analytical use)		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(7757-82-6)		
ATOMIC OR MOLECULAR FORMULA	Na ₂ SO ₄		
ATOMIC OR MOLECULAR WEIGHT	142.04		
PROPERTIES	Non-combustible. Hygroscopic		
Na₂SO₄			
PARAMETER	LIMIT		
Description	White crystalline powder (Hygroscopic)		
Solubility	10% solution in water is clear and colourless.		
Minimum Assay (Acidimetric after drying)	99.5%		
Loss on drying (at 130 °C)	Max. 0.5%		
Loss on ignition (at 800 °C)	Max. 0.5%		
pH of (5% soln. in water)	5.2 to 8.0		
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.01%		
Acidity (H ₂ SO ₄)	0.01%		
Alkalinity(NaOH)	0.008%		
Chloride (Cl)	0.001%		
Nitrogen comp.(N)	0.0005%		
Phosphate (PO ₄)	0.001%		
Arsenic (As)	0.0001%		
Calcium (Ca)	0.005%		
Copper (Cu)	0.0005%		
Iron (Fe)	0.0005%		
Heavy Metals (as Pb)	0.0005%		
Magnesium (Mg)	0.001%		
Potassium (K)	0.002%		
Reducing substances (O)	0.002%		
Oxidising substances	No reaction.		
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 : Name/Dept. : Officer (Q.A.) Sign. : Date : 21.07.2011	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 21.07.2011	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 30.07.2011	Issue Date : 01.07.2002 Revision No. : 03 Revision dt. : 30.07.2011 AMEND NO. :1591

