



SDFCL
S d fine-CHEM limited

Quality Control Dept.



Q: Product Specification

E Control	QC2\DATAD\DA\PS\20220XPS.xls		
PRODUCT CODE	20220		
PRODUCT NAME	POTASSIUM SULPHATE AR,ACS Meets analytical specification of BP,Ph.Eur.		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(7778-80-5)		
ATOMIC OR MOLECULAR FORMULA	K ₂ SO ₄		
ATOMIC OR MOLECULAR WEIGHT	174.25		
PROPERTIES	Soluble in water, insoluble in alcohol.		
K₂SO₄			
PARAMETER	LIMIT		
Description	Colourless crystals or white crystalline powder.		
Solubility	10% Solution in hot water is clear and colourless.		
Identification	Passes test		
Minimum Assay (alkalimetric)	99.5%		
pH of 5% aqueous solution	5.5 - 7.5		
Loss on drying (at 130 °C, 4 hrs.)	Max. 0.5%		
MAXIMUM LIMIT OF IMPURITIES			
Insoluble Matter	0.005%		
Acidity or alkalinity	Passes test		
Chloride (Cl)	0.0005%		
Nitrogen compounds (N)	0.0005%		
Calcium (Ca)	0.0025%		
Heavy metals (as Pb)	0.0005%		
Iron (Fe)	0.0005%		
Lead (Pb)	0.0002%		
Magnesium (Mg)	0.002%		
Sodium (Na)	0.02%		
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 : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554

