



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\38381XPS.xls		
PRODUCT CODE	38381		
PRODUCT NAME	FERRIC CITRATE LR		
SYNONYMS	(Iron III Citrate), (Citric acid Iron (III) Salt)		
C.I. NO.	--		
CASR NO.	(2338-05-8)		
ATOMIC OR MOLECULAR FORMULA	$C_6H_5O_7Fe.3H_2O$		
ATOMIC OR MOLECULAR WEIGHT	298.99		
PROPERTIES	Slowly but completely soluble in water, readily soluble in hot water . Practically insoluble in alcohol.		
$C_6H_5O_7Fe.3H_2O$			
PARAMETER	LIMIT		
Description	Reddish brown scales.		
Solubility	0.5% solution in boiling water is clear.		
Iron (Fe) (By Iodometric)	18 - 20%		
MAXIMUM LIMIT OF IMPURITIES			
Ammonium (NH ₄)	0.5%		
Chloride (Cl)	0.05%		
Arsenic (As)	0.0005%		
Copper (Cu)	0.005%		
Lead (Pb)	0.005%		
Tartrate (C ₄ H ₄ O ₆)	0.5%		
Zinc (Zn)	0.005%		
Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements: Not Hazardous. No hazards. Precautionary statements Prevention :---- Response: ----			IMDG Code :-- UN No. :-- IATA :--
Disposal: -----			
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.: 01 Revision dt. :02.04.2010 AMEND NO. :1554

