



SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20428XPS.xls		
PRODUCT CODE	20428		
PRODUCT NAME	ETHYLENEDIAMINE TETRAACETIC ACID DIPOTASSIUM SALT AR		
SYNONYMS	(EDTA-Dipotassium salt AR)		
C.I. NO.	---		
CASR NO.	(25102-12-9)		
ATOMIC OR MOLECULAR FORMULA	$C_{10}H_{14}K_2O_8N_2 \cdot 2H_2O$		
ATOMIC OR MOLECULAR WEIGHT	OR 404.46		
PROPERTIES	---		
PARAMETER	LIMIT		
Description	A white crystalline powder.		
Solubility	5% solution in water is clear and colourless.		
Minimum Assay (Complexometric)	99.0%		
pH (of 5% Solution in water)	4.0 - 5.0		
MAXIMUM LIMIT OF IMPURITIES			
Chloride (Cl)	0.005%		
Nitritotriacetate	0.05%		
Sulphate (SO ₄)	0.01%		
Iron (Fe)	0.0005%		
Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: --- Disposal: -----			IMDG Code : -- UN No. : -- IATA : --
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

