

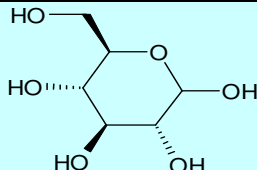


SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\20117XPS.xls		
PRODUCT CODE	20117		
PRODUCT NAME	DEXTROSE ANHYDROUS AR, ACS Meets Analytical Specification of IP, BP, USP, Ph.Eur.		
SYNONYMS	(D-Glucose anhydrous)		
C.I. NO.	--		
CASR NO.	(50-99-7)		
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ O ₆		
ATOMIC OR MOLECULAR WEIGHT	180.16		
PROPERTIES	White granular powder, odourless and sweet test.		
			
PARAMETER	LIMIT		
Description	White crystalline powder.		
Solubility	10% solution in water is clear and colourless.		
Identification	Passes test.		
Specific Rotation (α) (C=10 in H ₂ O) 20° D	+52.5° to +53.0°		
pH (10% solution in water)	Min. 4.5		
Loss on drying (at 105 °C)	Max. 0.2%		
Sulphated ash	Max. 0.03%		
MAXIMUM LIMIT OF IMPURITIES			
Water insoluble matter	0.003%		
Alcohol insoluble matter	0.005%		
Acidity or alkalinity	Passes test.		
Dextrin	Passes test.		
Chloride (Cl)	0.0025%		
Sulphate (SO ₄)	0.0025%		
Sulphite (SO ₂)	0.0005%		
Soluble starch, sulphide	Passes test.		
Foreign sugars, soluble starch & dextrin	Passes test.		
Arsenic (As)	0.0001%		
Barium (Ba)	Passes test.		
Copper (Cu)	0.0001%		
Calcium (Ca)	0.02%		
Iron (Fe)	0.0001%		
Lead (Pb)	0.00005%		
Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statement: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: -----			IMDG Code :-- UN No. :-- IATA :--
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.: 03 Revision dt. : 02.04.2010 AMEND NO. :--1554

