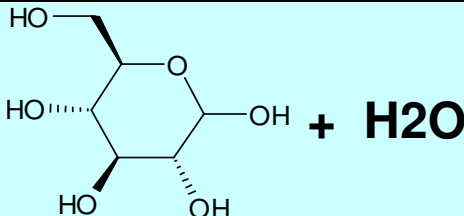




SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\38451XPS.xls		
PRODUCT CODE	38451		
PRODUCT NAME	DEXTROSE MONOHYDRATE LR		
SYNONYMS	(D(+))Glucose monohydrate)		
C.I. NO.	--		
CASR NO.	(14431-43-7)		
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ O ₆ .H ₂ O		
ATOMIC OR MOLECULAR WEIGHT	198.17		
PROPERTIES	White granular powder,odourless and sweet test		
			
PARAMETER	LIMIT		
Description	White crystalline powder.		
Solubility	10% solution in water is clear and colourless.		
Identification (FTIR)	Conforms		
Specific rotation (α) (on dried material) ²⁰ D	+52° to +53°		
Sulphated ash	Max. 0.1%		
Loss on drying (at 110°C)	6 - 10		
MAXIMUM LIMIT OF IMPURITIES			
Lead (Pb)	0.001%		
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 :	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

