



Product Specification

cdhfinechemical.com

DEXTROSE MONOHYDRATE

PRODUCT CODE	063940	
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	
Minimum assay (GC)	99.0%	
Specific Rotation (α) _D ²⁰ (on dried material)	+52° to +53°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 110°C)	6-10%	
Sulphated ash	0.1%	
Lead (Pb)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements: Not hazardous. No hazards. Pracautionary statements Prevention: ----- Response:		IMDG Code : UN No. : IATA :
Disposal: : -----		
Hazard pictogram(s) :		

Replace date 05-Aug-2022