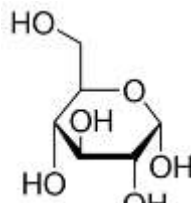




Product Specification

cdhfinechemical.com

DEXTROSE ANHYDROUS MEETS TO USP TESTING SPECIFICATIONS

PRODUCT CODE	U12325	
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 (by IR)	Meets the requirements	
Minimum assay (GC, on anhydrous basis)	97.5-102.0%	
MAXIMUM LIMIT OF IMPURITIES		
Water	1.0%	
Maltose and isomaltose	0.4%	
Maltotriose	0.2%	
Fructose	0.10%	
Unspecified	0.10%	
Total impurities	0.5%	
Colour and clarity of solution	The sample solution should be clear (its clarity is the same as that of water or its opalescence is not more pronounced than that of the reference suspension) and not more intensely colored than the Reference solution.	
Conductivity	20 µS/cm at 25°C	
Dextrin	The sample should dissolves completely	
Soluble starch, sulfites	The resulting solution should be yellow (15 ppm)	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : UN No. : IATA :
Hazard statements: Not hazardous. No hazards.		
Pracautionary statements		
Prevention: -----		
Response:		
Disposal: : -----		
Hazard pictogram(s) :		