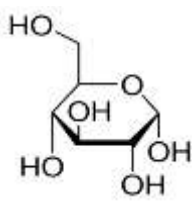




Product Specification

cdhfinechemical.com

DEXTROSE ANHYDROUS MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P12315
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	-
Identification 'A'	Passes test
Identification 'B'	Passes test
Appearance and odour of solution	The solution should be clear not more intensely coloured than reference solution BYS7 and is odourless
Acidity or alkalinity	The solution is colourless and not more than 0.15 ml of 0.1 M sodium hydroxide is required to change the colour of the solution to pink.
Specific Rotation (α) _D ²⁰ (C=10 in H ₂ O)	+52.5° to +53°
MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.1%
Water	1.0%
Arsenic	0.0001%
Heavy metals (Pb)	0.0005%
Chloride (Cl)	0.0125%
Sulphate (SO ₄)	0.02%
Sulphites	Passes test
Barium	Passes test
Foreign sugars, soluble starch and dextrans	Passes test
Bacterial endotoxin	0.5 EU/ml
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : UN No. : IATA :
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response:	
Disposal: : -----	
Hazard pictogram(s) :	