

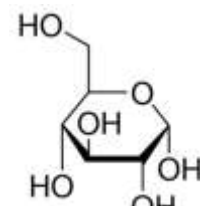


Product Specification

cdhfinechemical.com

DEXTROSE ANHYDROUS AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	506250
SYNONYMS	(D-Glucose anhydrous)
C.I. NO.	--
CASR NO.	(50-99-7)
ATOMIC OR MOLECULAR FORMULA	C₆H₁₂O₆
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.
Minimum assay (GC)	99.0%
Specific Rotation (α) _D ²⁰ (C=10 in H ₂ O)	+52.5° to +53°
pH (10% solution in water)	Min. 4.5

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	0.2%
Sulphated ash	0.03%
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 statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response:	IMDG Code : UN No. : IATA :
Disposal : -----	
Hazard pictogram(s) :	

Replace date 05-Aug- 2020