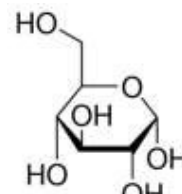




DEXTROSE ANHYDROUS AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.	
PRODUCT CODE	R04540
SYNONYMS	(D-Glucose anhydrous)
C.I. NO.	--
CASR NO.	(50-99-7)
ATOMIC OR MOLECULAR FORMULA	$C_6H_{12}O_6$
ATOMIC OR MOLECULAR WEIGHT	180.16
PROPERTIES	White granular powder, odourless and sweet test
PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
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.	



ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

WARNING Hazard statements: Not hazardous. No hazards. Pracautionary statements Prevention: Response:	IMDG Code : UN No. : IATA :
Disposal: :	
Hazard pictogram(s) :	
Two hazard pictograms are shown side-by-side. The first is GHS05, which depicts a hand being poured into, and the second is GHS07, which depicts a large exclamation mark. Both are enclosed in red diamond-shaped borders.	
GHS05 GHS07	

replace Date 1 April 2023

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