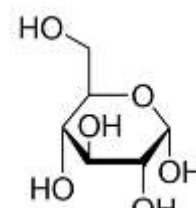


DEXTROSE ANHYDROUS AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	506250	
SYNONYMS	(D-Glucose anhydrous)	
C.I. NO.	--	
CASR NO.	(50-99-7)	
ATOMIC OR MOLECULAR FORMULA	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.
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		0.005%
Chloride (Cl)		0.01%
Sulphate (SO ₄)		0.005%
Soluble starch, sulphide		Passes test.
Iron (Fe)		0.0005%
Heavy metals (Pb)		0.0005%
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) :		



Replace date 06-OCT-2025