



D (+)-XYLOSE

PRODUCT CODE	R02081	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(58-86-6)	
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₀ O ₅	
ATOMIC OR MOLECULAR WEIGHT	150.13	
PROPERTIES	Very sweet taste. Shows mutarotation.	
PARAMETER	LIMIT	
Description	A white crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum assay (GC)	99.0%	
Melting Point	About 148°C	
Specific rotation(α) _D ²⁰ (C=10,water)	+ 19° to + 20°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying at 110°C	0.5%	
Sulphated ash	0.1%	
Lead (Pb)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :UN
Hazard statements : Not hazardous. No hazards.		No. :
Precautionary statements		IATA :
Prevention : -----		
Response : ---		
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burnerand scrubber.		
Hazard Pictogram(s) :		
	GHS05	GHS07

replace Date 1 April 2023

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