



2-DEOXY –D-GLUCOSE FOR BIOCHEMISTRY

PRODUCT CODE	R09177	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(154-17-6)	
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ O ₅	
ATOMIC OR MOLECULAR WEIGHT	164.16	
PROPERTIES		
PARAMETER	LIMIT	
Description	White to off white powder.	
Solubility	2% solution in water is clear and colourless to faint yellow.	
Minimum assay (HPLC)	98.5%	
Melting range	148– 151°C	
Specific rotation (C=2,water)	+45° to +48°	
MAXIMUM LIMIT OF IMPURITIES		
Water	0.5%	
Ash	0.05%	
Note(s): Assay (if applicable) method mentioned.		
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: Response: Disposal:		IMDG Code : -- UN No. : -- IATA : --
Hazard Pictogram(s) :	 GHS05 GHS07	

Replace Date 1 April 2023

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