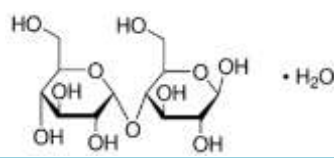


D-(+)-MALTOSE MONOHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	959610	
SYNONYMS	4-O-alpha-D-Glucopyranosyl-D-glucose	
C.I. NO.	--	
CASR NO.	6363-53-7	
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₂₂ O ₁₁ ·H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	360.31	
PROPERTIES	Store below 30°C	
PARAMETER	LIMIT	
Description	White or almost white powder/ crystalline powder.	
Solubility	Soluble in water	
Specific Rotation (α) _D ^{20°} (C=5, in water)	+127° to +132°	
Melting range	119 - 139°C	
Minimum assay (GC/HPLC)	95.0%	
MAXIMUM LIMIT OF IMPURITIES		
Water (K.F.)	5.0 - 6.5%	
DNase, RNase	None detected	
Note(s): Assay (if applicable) method mentioned.		
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: ----- Hazard Pictogram(s): -----		IMDG Code : -- UN No. : -- IATA : --

Replace date 08-Dec-2025