

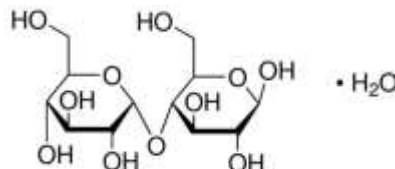


Product Specification

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MALTOSE CRYST.

PRODUCT CODE		029131
SYNONYMS		--
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		360.32
PROPERTIES		Practically insoluble in ether. Shows mutarotation.
PARAMETER		LIMIT
Description		White or almost white powder/ crystalline powder.
Solubility		Soluble in water.
Minimum Assay (GC/HPLC)		95.00%
Specific Rotation (α) _D ^{20°} (C=5, in water)		+127°to +132°
Melting range		119 - 139°C
MAXIMUM LIMIT OF IMPURITY		
Water (K.F.)		5.0 - 6.5%
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : UN No. : IATA :
Hazard statements : Not hazardous. No hazards.		
Precautionary statements		
Prevention: -----		
Response: ---		
Disposal :-----.		
Hazard Pictogram(s) :		



Replace date 08-Dec-2025