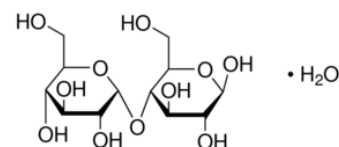


D-(+)-MALTOSE MONOHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	959610
SYNONYMS	4-O-alpha-D-Glucopyranosyl-D-glucose
C.I. NO.	--
CASR NO.	6363-53-7
ATOMIC OR MOLECULAR FORMULA	C₁₂H₂₂O₁₁·H₂O
ATOMIC OR MOLECULAR WEIGHT	360.31
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
Description	White to off-white crystals or powder
Solubility	Soluble in water
Specific rotation (c = 10% in water, at 20°C)	+128.0° to +130.0°
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 : --