
Sucrose, Hi-LRTM

GRM134

Product Identifier

CAS No.	:	57-50-1
EC No.	:	200-334-9
Molecular Formula	:	C ₁₂ H ₂₂ O ₁₁
Molecular weight	:	342.30
Synonym	:	Saccharose, Hi-LR TM
HS Code	:	1701 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white crystals or powder
Solubility	:	1000 mg soluble in 1 mL of water
Clarity	:	10% aqueous solution is clear and colourless.
Specific rotation	:	+65.9° to +67.0° (c = 10% in water at 25°C)
Melting range	:	185 - 187°C
Dextrins	:	Passes test
Heavy metals (as Pb)	:	<= 0.001%
Sulphated Ash	:	<= 0.1%
Glucose and invert sugar	:	<= 112.0 mg of cuprous oxide
Loss on drying (at 105°C, 3 hr)	:	<= 0.1%
Assay (GC/HPLC)	:	min. 99.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	WN6500000
WGK	:	2