
D-(+)-Maltose monohydrate

GRM3050

Product Identifier

CAS No.	:	6363-53-7
EC No.	:	200-716-5
Molecular Formula	:	C ₁₂ H ₂₂ O ₁₁ .H ₂ O
Molecular Weight	:	360.31
HS Code	:	1702 90 20
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
Specific rotation	:	+128.00° to +132.00° (c = 4% in water + 1 drop of NH ₄ OH at 20°C)
Melting range	:	119 - 139°C
Water (K.F.)	:	4.50 - 6.50%
Assay (HPLC)	:	min. 92.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3