
D-(+)-Trehalose dihydrate, Plant Culture Tested

PCT0610

Product Identifier

CAS No.	:	6138-23-4
EC No.	:	202-739-6
Molecular Formula	:	C ₁₂ H ₂₂ O ₁₁ .2H ₂ O
Molecular Weight	:	378.33
HS Code	:	2940 00 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white hygroscopic crystals or powder
Solubility	:	1000 mg soluble in 1 mL of water
FTIR (KBr disc)	:	Matches with the standard pattern
Specific rotation [alpha 20/D]	:	+176.0° to +182.0° (c = 2% in water at 20°C)
Water (K.F.)	:	<= 11.0%
Assay (GC/HPLC)	:	99.00 - 102.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1