
Sucrose, Hi-ARTM/ACS

GRM3063

Product Identifier

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

Technical Specification

Appearance	:	Colourless or white to off-white hygroscopic crystals or powder
Solubility	:	1000 mg soluble in 1 mL of water
Clarity	:	10% solution is clear and colourless
Specific rotation	:	+65.9° to +67.0° (c = 10% in water at 25°C)
Copper (Cu)	:	<= 0.00001%
Insoluble matter	:	<= 0.003%
Iron (Fe)	:	<= 0.0001%
Lead (Pb)	:	<= 0.0001%
Nitrogen compounds (N)	:	<= 0.002%
Reducing sugar (C ₆ H ₁₂ O ₆)	:	<= 0.01%
Sulfate (SO ₄)	:	<= 0.002%
Sulphated Ash	:	<= 0.005%
Loss on drying (at 100°C, 1 hr)	:	<= 0.05%
Assay (GC/HPLC)	:	min. 99.50%

Safety Information

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