

Product Datasheet

GC3219 - Sucrose, BP, EP, USP

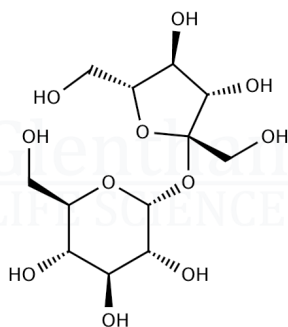
grade

Product Details

Product Name	Sucrose, BP, EP, USP grade
Glentham Code	GC3219
CAS Number	57-50-1
EINECS	200-334-9
MDL Number	MFCD00006626
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Raw Materials (IVD), Reagents for PCR, Reagents for Gel Electrophoresis of DNA/RNA, Oligosaccharides

Structure

Molecular Weight	: 342.30
Molecular Formula	: C ₁₂ H ₂₂ O ₁₁



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: White crystalline powder or colourless crystals
Identification	: A, B, C according to BP, EP, USP
Solubility (50% in water)	: Clear, colourless solution
Conductivity	: ≤ 35µS/cm (20°C)
Specific Optical Rotation	: +66.3 - +67.0 ° (26g in 100ml)
Colour	: ≤ 45
Reducing Sugars	: To pass BP, EP, USP tests
Sulphites (as SO ₂)	: ≤ 10ppm (also to pass USP test)
Lead (Pb)	: ≤ 0.1ppm
Arsenic (As)	: ≤ 0.1ppm
Copper (Cu)	: ≤ 1ppm
Residue on Ignition	: ≤ 0.05%
Loss on Drying	: ≤ 0.1%
Content	: ≥ 99.8% (sucrose, as is)
Pharmacopoeia Specification(s)	: BP, EP, USP
Mean Particle Size	: 0.53 - 0.67 mm
Version	: v1.0

About Sucrose, BP, EP, USP grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024