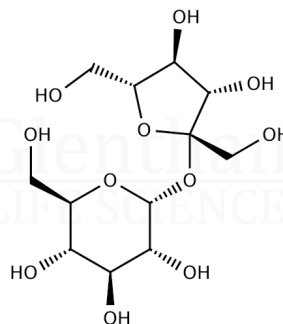


Certificate of Analysis

Product Name Sucrose, BP, EP, USP grade
Glentham Code GC3219
CAS Number 57-50-1
EINECS 200-334-9
MDL Number MFCD00006626
Batch Number 287ZAO

Molecular Weight 342.30
Molecular Formula $C_{12}H_{22}O_{11}$
Storage Temp. +20°C



Property	Specification	Batch 287ZAO
Physical Description	White crystalline powder or colourless crystals	White crystalline powder
Identification	A, B, C according to BP, EP, USP	Conforms
Solubility (50% in water)	Clear, colourless solution	Clear, colourless solution
Conductivity	$\leq 35\mu\text{S/cm}$ (20°C)	$\leq 35\mu\text{S/cm}$
Specific Optical Rotation	+66.3 - +67.0 ° (26g in 100ml)	+66.7°
Colour	≤ 45	Conforms
Reducing Sugars	To pass BP, EP, USP tests	Conforms
Sulphites (as SO ₂)	$\leq 10\text{ppm}$ (also to pass USP test)	Conforms
Lead (Pb)	$\leq 0.1\text{ppm}$	$\leq 0.1\text{ppm}$
Arsenic (As)	$\leq 0.1\text{ppm}$	$\leq 0.1\text{ppm}$
Copper (Cu)	$\leq 1\text{ppm}$	$\leq 1\text{ppm}$
Residue on Ignition	$\leq 0.05\%$	$\leq 0.05\%$
Loss on Drying	$\leq 0.1\%$	$< 0.1\%$
Content	$\geq 99.8\%$ (sucrose, as is)	$\geq 99.9\%$
Pharmacopoeia Specification(s)	BP, EP, USP	Conforms
Mean Particle Size	0.53 - 0.67 mm	Conforms

Specification Version v1.0
Manufacture Date 2024-03-12
Re-Test Date 2031-03-07

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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