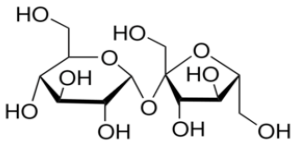
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PureSynth®
Research Chemicals

Product Specification

Product Name:
Sucrose Meets Analytical Specification of USP

Product No.:	PSR45028
Brand:	PureSynth
CAS No.:	57-50-1
Molecular Formula:	$C_{12}H_{22}O_{11}$
Molecular Weight:	342.30 g/mol



Test	Specification
Appearance	White Solid
Assay (By Titration)	> 99.0 %
Specific rotation [a]20/D	66.3 - 67.0 °
Conductivity 20°C	NMT 35 µS/cm
Calcium (Ca)	Complies
Lead (Pb)	NMT 0.5 ppm
Chloride (Cl)	NMT 0.0035 %
Sulphate (SO_4)	NMT 0.006 %
Sulphite (as SO_2)	NMT 10 ppm
Dextrines	Complies
Invert sugar	Complies
Reducing sugars	Complies
Endotoxin limit (LAL)	NMT 250 EU/g
Identification by IR	Conforms to Structure

Specification No.: OT-1.0-QA/106

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com