



**Specification for Sucrose, NF, EP, BP, bioCERTIFIED (TM),
Endotoxin Tested (S9700)**

Item Number	S9700
Item	Sucrose, NF, EP, BP, bioCERTIFIED (TM), Endotoxin Tested
CAS Number	57-50-1
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.30
MDL Number	
Synonyms	β-D-Fructofuranosyl-?-D-glucopyranoside ; Cane Sugar

Test	Specification	
	Min	Max
APPEARANCE	WHITE, COLORLESS POWDER TO FINE CRYSTALS	
APPEARANCE OF SOLUTION	TO PASS TEST	
SPECIFIC ROTATION @ 20°C	+66.3 to +67.0°	
LOSS ON DRYING		0.1 %
SULFITE (as SO ₂)		10 ppm
CONDUCTIVITY		35 ?S/cm
COLOR VALUE		45
REDUCING SUGARS	TO PASS TEST	
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
BACTERIAL ENDOTOXINS		0.25 EU/mg
TOTAL AEROBIC MICROBIAL COUNT		100 cfu/g
TOTAL YEAST AND MOLD COUNT		100 cfu/g
BILE TOLERANT GRAM-NEGATIVE BACTERIA	NONE DETECTED	
ESCHERICHIA COLI	NONE DETECTED	
SALMONELLA	NONE DETECTED	
CANDIDAS ALBICANS	NONE DETECTED	
STAPHYLOCOCCUS AUREUS	NONE DETECTED	
PSEUDOMONAS AERUGINOSA	NONE DETECTED	
IDENTIFICATION	TO PASS TEST	
RETEST DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		

Test	Specification	
	Min	Max
MONOGRAPH EDITION.		
RESIDUAL SOLVENTS	AS REPORTED	

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