

# BIOSPECTRA

100 Majestic Way, Bangor, PA 18013 / [www.biospectra.us](http://www.biospectra.us)

## SUCROSE, BEET DERIVED SPECIFICATION SHEET BIO EXCIPIENT GRADE / SB3250

$C_{12}H_{22}O_{11}$  ▲ F.W. 342.30 g/mol. ▲ CAS# 57-50-1

Meets or Exceeds EP/BP, JP and NF Specifications

ANALYSIS	SPECIFICATIONS	
Appearance	White to off-white powder	
Appearance of Solution (NF)	Passes Test	
Appearance of Solution (EP)	Clear	
Color Value	≤ 45	
Conductivity	≤ 35 μS/cm	
Dextrins	Passes Test	
Elemental Impurities	Complies	
Endotoxins	≤ 0.6 EU/g	
Identification A (IR)	Passes Test	
Identification B	Passes Test	
Identification C	Passes Test	
Loss on Drying	≤ 0.1%	
Microbial Content	<i>Escherichia coli</i>	Absent
	<i>Pseudomonas aeruginosa</i>	Absent
	<i>Salmonella species</i>	Absent
	<i>Staphylococcus aureus</i>	Absent
	TAMC	≤ 20 CFU/g
	TYMC	≤ 10 CFU/g
Reducing Sugars	Passes Test	
Residual Ethanol	≤ 600 ppm	
Residual Methanol	≤ 300 ppm	
Specific Rotation	+66.3° to +67.0 °	
Sulfites	≤ 10 ppm	