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Product Specifications

Catalogue Number	29934
Product	Sucrose, Beet derived (Manufactured as per GMP)
	β -D-Fructofuranosyl- α -D-glucopyranoside
CAS Number	57-50-1
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.3

Appearance	White to off-white powder
Clarity & Color	Clear colorless solution
Conductivity	$\leq 35\mu\text{S/cm}$
Yeast and Mold	≤ 10 CFU/g
Optical Rotation	$[\alpha]_{\text{D}}^{20} = +66.3^{\circ}$ to $+67.0^{\circ}$
Infrared Spectrum	Conforms to structure
Reducing Sugars	To pass test
Loss on Drying	$\leq 0.1\%$
Residual Solvents	Ethanol: ≤ 600 ppm Methanol: ≤ 300 ppm
E. Coli	Absent
Endotoxin Test	< 0.6 EU/g
Pseudomonas Aeruginosa	Absent
Salmonella	Absent
Staphylococcus Aureus	Absent
Grade	USP/NF, EP, JP, High Purity, Low Endotoxin
Storage	Store at RT

Product Specifications

Catalog Number: 29934

Additional Information Total aerobic microbial count: ≤ 20 CFU/g
Color value: ≤ 45
Dextrins: To pass test
Elemental impurities: To comply
Sulfites: ≤ 10 ppm

For Laboratory Use Only