

Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	29935
Product	Sucrose, Cane derived (Manufactured as per GMP)
Lot Number	000714-34435 β -D-Fructofuranosyl- α -D-glucopyranoside
CAS Number	57-50-1
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.3
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Appearance	White powder
Clarity & Color	Clear colorless solution
Heavy Metals	< 5 ppm
Anion	Chloride (Cl ⁻): < 35 ppm Sulfate (SO ₄ ²⁻): < 60 ppm
Cation	Calcium (Ca): Passes test Lead (Pb): 0.1 ppm
Acidity & Alkalinity	Passes test
Conductivity	1 μ S/cm
Yeast and Mold	< 10 CFU/g
Optical Rotation	[α] _D ²⁰ = +66.5°
Infrared Spectrum	Conforms to structure
Reducing Sugars	Passes test
Loss on Drying	< 0.1%
Residual Solvents	Ethanol: < 200 ppm Methanol: < 200 ppm
E. Coli	Absent
Endotoxin Test	0.3 EU/g
Pseudomonas Aeruginosa	Absent
Salmonella	Absent
Staphylococcus Aureus	Absent

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Catalog Number: 29935

Lot Number: 000714-34435

Residue On Ignition	< 0.01%
Purity by TLC	Conforms to standard
Grade	USP/NF, EP, JP, High Purity, Low Endotoxin
Storage	Store at RT
Additional Information	Total aerobic microbial count: < 20 CFU/g Color value: 3 Dextrins: Passes test Elemental impurities: Complies Sulfites: < 15 ppm Invert sugar (as CuO): 75 mg Identification (CuSO ₄): Passes test
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager