

# Chem-Impex International, Inc.

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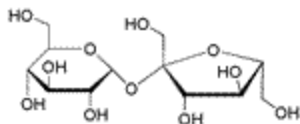
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	29935
<b>Product</b>	<b>Sucrose, Cane derived (Manufactured as per GMP)</b>
	$\beta$ -D-Fructofuranosyl- $\alpha$ -D-glucopyranoside
<b>CAS Number</b>	57-50-1
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>
<b>Molecular Weight</b>	342.3
<b>Appearance</b>	White to off-white powder
<b>Clarity &amp; Color</b>	Clear colorless solution
<b>Heavy Metals</b>	≤ 5 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 35 ppm Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 60 ppm
<b>Cation</b>	Calcium (Ca): To pass test Lead (Pb): ≤ 0.5 ppm
<b>Acidity &amp; Alkalinity</b>	To pass test
<b>Conductivity</b>	≤ 35 μS/cm
<b>Yeast and Mold</b>	≤ 10 CFU/g
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +66.3° to +67.0°
<b>Infrared Spectrum</b>	Conforms to structure
<b>Reducing Sugars</b>	To pass test
<b>Loss on Drying</b>	≤ 0.1%
<b>Residual Solvents</b>	Ethanol: ≤ 600 ppm Methanol: ≤ 300 ppm
<b>E. Coli</b>	Absent
<b>Endotoxin Test</b>	≤ 1.5 EU/g
<b>Pseudomonas Aeruginosa</b>	Absent
<b>Salmonella</b>	Absent

# *Product Specifications*

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<b>Staphylococcus Aureus</b>	Absent
<b>Residue On Ignition</b>	≤ 0.5%
<b>Purity by TLC</b>	Conforms to standard
<b>Grade</b>	USP/NF, EP, JP, High Purity, Low Endotoxin
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Total aerobic microbial count: ≤ 20 CFU/g Color value: ≤ 45 Dextrins: To pass test Elemental impurities: To comply Sulfites: ≤ 15 ppm Invert sugar (as CuO): ≤ 112 mg Identification (CuSO <sub>4</sub> ): To pass test

**For Laboratory Use Only**