

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00811
Lot Number	000714-34455
Product	Sucrose b-D-Fructofuranosyl- α -D-glucoopyranoside
CAS Number	57-50-1
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.3
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Appearance	White crystalline powder
Solubility	200 g in 100 mL water at 20 °C
Heavy Metals	< 5 ppm
Anion	Chloride (Cl ⁻): < 0.005% Sulfate and Sulfite (as Sulfate SO ₄ ²⁻): < 0.005%
Cation	Iron (Fe): < 5 ppm
Optical Rotation	[α] _D ²⁵ = +66.4°
Loss on Drying	0.01%
Insoluble material	0.005%
Titration Acid	< 0.008 meq/g
Grade	ACS reagent
Application	Used for optical rotation standard.
Storage	Store at RT
Additional Information	Invert sugar: < 0.05% Residue after ignition: < 0.01%

Certificate of Analysis

Catalog Number: 00811

Lot Number: 000714-34455

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