

CERTIFICATE OF ANALYSIS

Product Description	D-SUCROSE, CRYSTALLINE β-D-FRUCTOFURANOSYL-α-D-GLUCOPYRANOSIDE; CANE SUGAR
Product Number	S391
Lot Number	SPS0391182
Storage Temperature	Room Temperature
Molecular Weight	342.34 g/mol
Formula	C ₁₂ H ₂₂ O ₁₁
CAS Number	57-50-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (30.00 g/L)	4.5 – 6.5	4.6
Physical Appearance Color* Texture	PM-1 to PM-4, PM-13, or PM-19 Crystalline Powder	PM-4 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 3 min)	3 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	For Information Only	99.93%
Moisture	For Information Only	0.020%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 30.0 g/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants.	Lily	Passes
	Echinacea	Passes

The material described in this certificate was manufactured in the United States of America and is highly refined, so as to be considered synthetic from plant (sugar cane) starting material. No animal-derived components were used in the manufacture of this product.

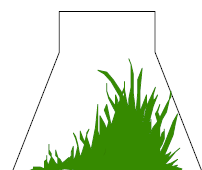
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Date of Release: 17-March-17

Recommended Shelf Life Date: April 2025



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