

CERTIFICATE OF ANALYSIS

Product Description D-SUCROSE, CRYSTALLINE
 β -D-FRUCTOFURANOSYL- α -D-GLUCOPYRANOSIDE; CANE SUGAR
Product Number S391
Lot Number STT0391178
Storage Temperature Room Temperature
Molecular Weight 342.34
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	5.1
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	99.98%
Moisture	For Information Only	0.023%

* 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.	Cape Primrose	Passes
	Ajuga	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.

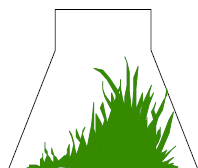
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Date of Release: 11 July 2016

Recommended Shelf Life Date: August 2024



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