

CERTIFICATE OF ANALYSIS

Product Description D-SORBITOL
D-GLUCITOL
Product Number S744
Lot Number STS0744019
Storage Temperature Room Temperature
Molecular Weight 182.17
Formula C₆H₁₄O₆
CAS Number 50-70-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.4
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Granules	PM-1 Off-White Granules
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 91.0 %	97.98%
Loss on Drying	For Information Only	0.29%

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

Biological Testing:

Test Concentration: 100.0 mg/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	Strawberry	Passes
	Sugar Cane	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

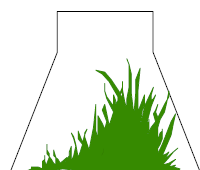
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Date of Release: 25-Aug-17

Recommended Shelf Life Date: August 2025



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