

CERTIFICATE OF ANALYSIS

Product Description D-MANNITOL
Product Number M562
Lot Number AHR0562023
Storage Temperature Room Temperature
Molecular Weight 182.2
Formula $C_6H_{14}O_6$
CAS Number 69-65-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.9
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder	PM-4 White Fine 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	Minimum 96.0%	99.90%
Moisture (Loss on Drying)	For Information Only	0.2%

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

Biological Testing:

Test Concentration: 0.10 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	Kalanchoe	Passes
	Coreopsis	Passes

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

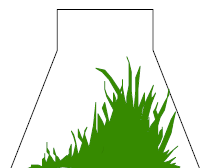
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Date of Release: 27-April-2018

Recommended Shelf Life: April 2026



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