CERTIFICATE OF ANALYSIS

Product Description myo-INOSITOL

1-INOSITOL; MESO-INOSITOL;

1,2,3,5/4,6-HEXAHYDROXYCYCLOHEXANE

Product Number I703

Lot Number AAR0703044

Storage Temperature Room Temperature

Molecular Weight 180.16 g/molFormula $C_6H_{12}O_6$ CAS Number 87-89-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 50 mg/mL	Passes
pН	Under Development	6.8
Physical Appearance		
Color*	PM-1 to PM-4	PM-4 White
Texture	Fine Powder; may have Clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
	For Information Only	
Average Time to Dissolve	(Approx. 3 min)	3 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 97%	99.52%
Moisture (Loss on Drying)	For Information Only	0.03%

^{*} Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color PreviewTM).

Biological Testing:

Test Concentration: 100 mg/L

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

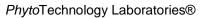
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product

Phyto Technology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. Phyto Technology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 9-July-18

Recommended Shelf Life Date: July 2026

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