

# CERTIFICATE OF ANALYSIS

Product Description      MAGNESIUM SULFATE, ANHYDROUS, USP  
Product Number         M635  
Lot Number               14L0635002  
Molecular Weight        120.37  
Formula                  MgSO<sub>4</sub>  
CAS Number              7487-88-9  
Storage Temperature     Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.2
Physical Appearance		
Color*	PM-1 to PM-4	PM-4 White
Texture	Fine Powder	Fine Powder
Solution Appearance		
Color	Clear	Clear
Clarity	Colorless	Colorless
Average Time to Dissolve	Within 5 Minutes	Passes
Insolubles	None	Passes
Purity	Minimum 99%	100.20%
Loss on Drying	For Information Only	<1.0%

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

## Biological Testing:

Test Concentration:

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	Hosta	Passes
	Tobacco Callus	Passes

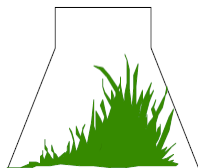
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology 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. PhytoTechnology 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.**

Recommended Shelf Life Date: November 2022



Gary Seckinger, Ph.D.



PhytoTechnology  
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