

# CERTIFICATE OF ANALYSIS

Product Description      MAGNESIUM SULFATE, ANHYDROUS  
Product Number         M150  
Lot Number                08E15018  
Storage Temperature    Room Temperature  
Molecular Weight        120.37  
Formula                    MgSO<sub>4</sub>  
CAS Number               7487-88-9

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.18 g/L)	5.25 – 6.25	6.39
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder	RM-31 White Fine Powder with some clumps
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 4 min	Passes
Precipitation Formation	None	Passes
Assay	Minimum 99.5%	99.8%
Heavy Metals	For Information Only	0.0002%

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

## Biological Testing:

Test Concentration: 180 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue culture lines with no morphological aberrations to plants	Boston Fern	Passes
	Syngonium	Passes

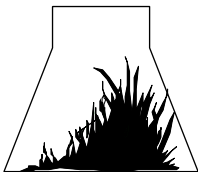
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories, LLC 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: May 2013



Gary Seckinger, PhD



PhytoTechnology  
Laboratories, LLC  
*Dedicated to Growth*

### **PhytoTechnology Laboratories, LLC**

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