

# CERTIFICATE OF ANALYSIS

Product Description	MAGNESIUM SULFATE, ANHYDROUS
Product Number	M150
Lot Number	SUT0150039
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 @ 10 mg/mL	Passes
pH	Under Development	6.4
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder, may form clumps	PM-4 White Fine Powder w/ Clumps
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 4 min)	4 min
Insolubles	None	Passes
Purity	Minimum 97.0%	100.0%
Loss on Drying	For Information Only	0.01%

\* 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 cultured lines with no morphological aberrations to plants	Achimenes	Passes
	Begonia	Passes

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

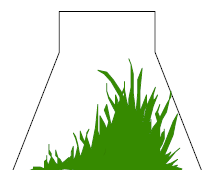
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Date of Release: 4-August-2016

Recommended Shelf Life Date: September 2024



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