

CERTIFICATE OF ANALYSIS

Product Description MAGNESIUM SULFATE, HEPTAHYDRATE
ACS REAGENT
Product Number M200
Lot Number ARR0200031
Storage Temperature Room Temperature
Molecular Weight 246.48
Formula MgSO₄•7H₂O
CAS Number 10034-99-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.5
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder to Crystals	PM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
Purity	Minimum 98.0%	100.60%

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

Biological Testing:

Test Concentration: 200.0 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	Dianthus, Arctic Fire	Passes
	Kalanchoe	Passes

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

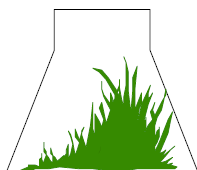
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Date of Release: 12-November-2018

Recommended Shelf Life Date: November 2026



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