

CERTIFICATE OF ANALYSIS

Product Description MAGNESIUM CHLORIDE, HEXAHYDRATE
ACS REAGENT
Product Number M521
Lot Number SVS0521006
Storage Temperature Room Temperature
Molecular Weight 203.3
Formula $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$
CAS Number 7791-18-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.10 g/L)	Under Development	4.9
Physical Appearance Color* Texture	PM-1 to PM-4, or Colorless Crystalline Powder or Crystals	PM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	1 min
Insolubles	None	Passes
Purity	Minimum 99.0%	101.00%

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

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 more plant tissue cultured lines with no morphological aberrations to plants	Begonia	Passes
	Perilla Fantasy	Passes

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

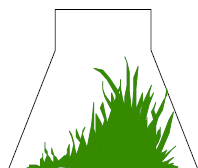
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Date of Release 26-October-2017

Recommended Shelf Life Date: October 2025



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