

CERTIFICATE OF ANALYSIS

Product Description	MAGNESIUM CHLORIDE, HEXAHYDRATE ACS REAGENT
Product Number	M521
Lot Number	11J0521005
Storage Temperature	Room Temperature
Molecular Weight	203.3
Formula	MgCl ₂ •6H ₂ O
CAS Number	7791-18-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.10 g/L)	Under Development	5.66
Physical Appearance Color* Texture	RM-1 to RM-3, RM-31, or Colorless Crystalline Powder or Crystals	Colorless Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	99.12%

* 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	Tobacco callus	Passes
	Hosta	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.

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: October 2019



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