

# CERTIFICATE OF ANALYSIS

Product Description	MAGNESIUM CHLORIDE, HEXAHYDRATE
Product Number	M521
Lot Number	HYE0521008
Storage Temperature	Room Temperature
Molecular Weight	203.3
Formula	MgCl <sub>2</sub> •6H <sub>2</sub> O
CAS Number	7791-18-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.10 g/L)	Under Development	5.7
Physical Appearance		
Color*	PM-1 to PM-4, or Colorless	PM-4 White
Texture	Crystalline Powder or Crystals	Crystals
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	100.50%

\* 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	Xanthi Tobacco Callus	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.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release 19-February-2024

Recommended Shelf-Life Date: February 2032



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