

CERTIFICATE OF ANALYSIS

Product Description MAGNESIUM CHLORIDE, HEXAHYDRATE
Product Number M521
Lot Number HMT0521011
Storage Temperature Room Temperature
Molecular Weight 203.3
Formula MgCl₂•6H₂O
CAS Number 7791-18-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1mg/10mL	Passes
pH (0.10 g/L)	Under Development	5.6
Physical Appearance Color* Texture	PM-1 to PM-4, or Colorless Crystalline Powder or Crystals	PM-1 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
Purity	Minimum 99.0%	100.40%

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

Biological Testing:

Test concentration: 100.0 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	Xanthi Tobacco Callus	Passes
	Parrot Feather	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-January-2026

Recommended Shelf-Life Date: January 2034

Prepared by: 
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