

CERTIFICATE OF ANALYSIS

Product Description MAGNESIUM CHLORIDE, HEXAHYDRATE
 ACS REAGENT
Product Number M521
Lot Number 08G52104
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	Passes
pH (0.10 g/L)	Under Development	5.74
Physical Appearance		
Color*	RM-1 to RM-3, RM-31, or Colorless	Colorless
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
Assay	Minimum 99.0%	99.75%

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

Biological Testing:

Testing 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	Boston Fern	Passes
	Syngonium	Passes

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

Phyto Technology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. Phyto Technology 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: July 2013



Gary Seckinger, Ph.D.



Phyto Technology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>

Created on 26 August 2008