CERTIFICATE OF ANALYSIS

Product Description	ALUMINUM CHLORIDE, HEXAHYDRATE
Product Number	A127
Lot Number	02H12702
Storage Temperature	Room Temperature
Molecular Weight	241.43
Formula	$AlCl_3 \cdot 6H_2O$
CAS Number	7784-13-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.010 g/L)	Under Development	3.2
Physical Appearance Color* Texture	 RM-1 to RM-3 or RM-31 Crystalline Powder or Crystals	 RM-31 Off-White Crystals
Solution Appearance Clarity Color	 Clear Colorless	 Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Assay	≥ 97%	97.2%
Heavy Metals	≤ 0.001%	< 0.001%

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

Biological Testing:

Test Concentration: 10.0 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	Tobacco callus	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 2018

Gary Seckinger, Ph.D.

P*hyto*Technology Laboratories®
Dedicated to Growth

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