

CERTIFICATE OF ANALYSIS

Product Description ALUMINUM CHLORIDE, HEXAHYDRATE
Product Number A127
Lot Number 02H12702
Storage Temperature Room Temperature
Molecular Weight 241.43
Formula $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
CAS Number 7784-13-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.010 g/L)	Under Development	3.37
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Crystalline Powder	RM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Precipitation Formation	None	Passes
Assay	$\geq 97\%$	97.2%
Heavy Metals	$\leq 0.001\%$	$< 0.001\%$

* 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	Boston Fern	Passes
	Hosta	Passes

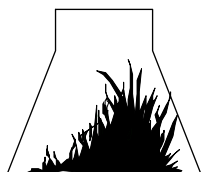
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology 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. 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: February 2014



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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