

CERTIFICATE OF ANALYSIS

Product Description AMMONIUM PHOSPHATE, MONOBASIC
ACS REAGENT
Product Number A113
Lot Number 07F11307
Storage Temperature Room Temperature
Molecular Weight 115.03
Formula $\text{NH}_4\text{H}_2\text{PO}_4$
CAS Number 7722-76-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (0.10 g/L)	Under Development	5.21
Physical Appearance Color*	RM-3 (Decorators White) RM-1 to RM-3 or RM-31	RM-3 (Decorators White)
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Within 1 min
Precipitation Formation	None	None
Assay	$\geq 98.0\%$	98.7%
Heavy Metals	≤ 5 ppm	< 5 ppm

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

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures with no morphological aberrations to plants.	Syngonium	Passes
	Hosta	Passes

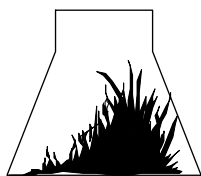
The material described in this certificate was manufactured in the United State of America and is of synthetic nature. No animal or plant components were used in the manufacture of this product.

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: June 2012

Gary Seckinger

Technical Manager



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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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