

CERTIFICATE OF ANALYSIS

Product Description GIBBERELIC ACID
GA₃; GIBBERELLIN A₃
Product Number G500
Lot Number 07E50008
Storage Temperature 2-6° C
Molecular Weight 346.41
Formula C₁₉H₂₂O₆
CAS Number 77-06-5

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1 N KOH @ 2 mg/mL	Passes
Physical Appearance Color*	2144-70 to 2148-70, RM-1 to RM-4, or RM-31	RM-31 White
Texture	Fine Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 90.0%	90.9%
Loss on Drying	For Information Only	0.2%

* 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	Hosta	Passes
	Kalanchöe	Passes

The material described in this certificate is synthetic. 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: May 2012



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PhytoTechnology
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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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