

CERTIFICATE OF ANALYSIS

Product Description INDOLE-3-PROPIONIC ACID; IPA
Product Number I409
Lot Number 01B40901
Storage Temperature 2-6° C
Molecular Weight 189.2
Formula C₁₁H₁₁NO₂
CAS Number 830-96-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in KOH @ 1.0 mg/mL	Passes
Physical Appearance Color*	2018-70 to 2024-70 or 2018-60 to 2024-60	2020-60 Yellow
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	98.7%

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

Biological Testing:

Test Concentration: 1.0 mg/mL

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or rooting/callus formation in two or more plant tissue cultured lines with no morphological aberrations to plants	Hosta	Passes
	Tobacco callus	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: August 2017



Gary Seckinger, Ph.D.



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