

# CERTIFICATE OF ANALYSIS

Product Description      INDOLE-3-ACETIC ACID  
                                  IAA; HETEROAUXIN  
Product Number         I885  
Lot Number               SSS0885013  
Storage Temperature    -20-0 °C  
Molecular Weight       175.19  
Formula                  C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>  
CAS Number              87-51-4

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 1 mg/mL	Passes
Physical Appearance		
Color*	2092-70 to 2098-70 or 2157-70 to 2165-70	2165-70 Light Tan
Texture	Fine to Coarse Powder or Flake	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only	Passes
Insolubles	None	Passes
Purity	Minimum 97.0%	99.17%
FTIR	Conforms to Structure	Passes

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

## Biological Testing:

Test Concentration: 2 mg/L

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	Coreopsis	Passes
	Kalanchoe	Passes

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

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release: 20-May-2019

Recommended Shelf Life Date: May-2021



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