

# CERTIFICATE OF ANALYSIS

Product Description      INDOLE-3-ACETIC ACID  
IAA; HETEROAUXIN  
Product Number        I885  
Lot Number              HYY0885015  
Storage Temperature   -20°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	2157-70 Ivory
Texture	Fine to Coarse Powder or Flake	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
Purity	Minimum 97.0%	99.26%
FTIR	Conforms to Structure	Passes

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

## **Biological Testing:**

Test Concentration: 2.0 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
	Begonia	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: 04-February-2026

Recommended Shelf-Life Date: August 2028

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