

# CERTIFICATE OF ANALYSIS

Product Description      INDOLE-3-PROPIONIC ACID; IPA  
Product Number         I409  
Lot Number               HRW0409002  
Storage Temperature     2-8°C  
Molecular Weight        189.2  
Formula                  C<sub>11</sub>H<sub>11</sub>NO<sub>2</sub>  
CAS Number              830-96-6

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION                               | RESULTS            |
|---|---|--------------------|
| Solubility                              | Soluble in KOH @ 1.0 mg/mL                  | Passes             |
| Physical Appearance<br>Color*           | 2018-70 to 2024-70 or<br>2018-60 to 2024-60 | 2022-70 Cream      |
| Texture                                 | Crystalline Powder                          | Crystalline Powder |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless                          | Clear<br>Colorless |
| Average Time to Dissolve                | Within 1 min                                | Passes             |
| Insolubles                              | None  | Passes             |
| Purity                                  | Minimum 97%                                 | 97%                |

\* 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 shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants. | Xanthi Tobacco Callus | Passes  |
|   | Ajuga                 | 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: 14-December-2023

Recommended Shelf-Life Date: December 2028



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