

# CERTIFICATE OF ANALYSIS

Product Description      INDOLE-3-BUTYRIC ACID, POTASSIUM SALT; K-IBA  
Product Number         I560  
Lot Number               HYG0560020  
Storage Temperature     2-8°C  
Molecular Weight        241.3  
Formula                  C<sub>12</sub>H<sub>12</sub>NO<sub>2</sub>K  
CAS Number              60096-23-3

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	7.3
Physical Appearance Color*	2151-70 to 2160-70, or 2152-60 to 2160-60,	2153-60 Rich Cream
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity	Clear	Clear
Color	Colorless	Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	98.50%

\* 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	Parrot Feather	Passes
	Xanthi 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.

**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-February-2026

Recommended Shelf-Life Date: February 2031

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