

# CERTIFICATE OF ANALYSIS

Product Description	INDOLE-3-BUTYRIC ACID, POTASSIUM SALT; K-IBA
Product Number	I560
Lot Number	HMW0560016
Storage Temperature	2-8°C
Molecular Weight	241.3 g/mol
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	7.0
Physical Appearance		
Color*	2152-60 to 2160-60, 2151-70 to 2160-70	2153-70 Cream
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	98.40%

\* 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	Perilla Fantasy	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: 22-January-2024

Recommended Shelf-Life Date: January 2029



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