

CERTIFICATE OF ANALYSIS

Product Description INDOLE-3-BUTYRIC ACID SOLUTION (1 mg/mL)
 IBA; 4-[3-INDOLYL]BUTYRIC ACID
Product Number I460
Lot Number 08J46009
Storage Temperature -20-0° C
Molecular Weight 203.24
Formula C₁₂H₁₃NO₂
CAS Number 133-32-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	11.53 – 12.53	11.62
Physical Appearance		
Color	Colorless to Light Yellow	Colorless
Texture	Clear Liquid	Clear Liquid
Precipitation Formation	None	Passes
Sterility by USP <71>	Sterile	Passes

Biological Testing:

Test Concentration: 2.0 mL (2.0mg)/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	Syngonium	Passes
	Strawberry	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *PhytoTechnology Laboratories* 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.

Recommended Shelf Life Date: September 2010



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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