

CERTIFICATE OF ANALYSIS

Product Description INDOLE-3-BUTYRIC ACID SOLUTION (1 mg/mL)
 IBA; 4-[3-INDOLYL]BUTYRIC ACID
Product Number I460
Lot Number HMW0460027
Storage Temperature -20°C
Molecular Weight 203.24
Formula C₁₂H₁₃NO₂
CAS Number 133-32-4

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---------------------|---------------------|--------------|
| Solubility | Miscible with Water | Passes |
| pH (Neat) | ≥ 10.0 | Passes |
| Physical Appearance | | |
| Color | Colorless | Colorless |
| Texture | Clear Liquid | Clear Liquid |
| Insolubles | None | Passes |
| Sterility | 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 | Parrot Feather | Passes |
| | H38 Tobacco Callus | 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.

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: 08-January-2024

Recommended Shelf-Life Date: July 2026



David Hart
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