

CERTIFICATE OF ANALYSIS

Product Description GIBBERELIC ACID SOLUTION (1 MG/ML)
Product Number G198
Lot Number HHY0198009
Molecular Weight 346.41
Formula $C_{19}H_{22}O_6$
CAS Number 77-06-5
Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|-------------------------|---------------------------------|--------------|
| Solubility | Miscible with water | Passes |
| pH (Neat) | For Information Only | 11.0 |
| Physical Appearance | | |
| Color* | Colorless to Slight Yellow Tint | Colorless |
| Texture | Clear Liquid | Clear Liquid |
| Insolubles | None | Passes |
| Purity of Raw Materials | For Information Only | 90.20% |
| Sterility | Sterile | Passes |

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Testing concentration: 10 mL/L

| 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 | African Violet | Passes |
| | H38 Tobacco Callus | Passes |

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. 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: 10-May-2024

Recommended Shelf-Life Date: November 2026



David Hart
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