## **CERTIFICATE OF ANALYSIS**

Product Description *meta-*TOPOLIN SOLUTION (1MG/ML)

Product Number T7885

Lot Number AHK7885006

Storage Temperature -20°C Molecular Weight 241.5

Formula  $C_{12}H_{10}N_5OH$  CAS Number 75737-38-1

## **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       |
| Purity (of raw material) | Minimum 98.0%       | 99.25%       |
| Sterility                | Sterile             | Passes       |

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

## **Biological Testing:**

Test Concentration: 1 mg/L

| TEST SPECIFICATION  | PLANT CELL LINE | RESULTS |
|---|-----------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or | Tobacco Callus  | Passes  |
| more plant tissue cultured lines with no morphological aberrations to plants  | Sugar Cane      | 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: 29-April-2019

Recommended Shelf Life Date: October-2021

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