

# CERTIFICATE OF ANALYSIS

Product Description      *meta*-TOPOLIN  
Product Number        T841  
Lot Number              SXT0841009  
Storage Temperature   -20°C  
Molecular Weight      241.5  
Formula                 C<sub>12</sub>H<sub>10</sub>N<sub>5</sub>OH  
CAS Number            75737-38-1

## **Physiochemical Specifications:**

| TEST                                    | SPECIFICATION  | RESULTS            |
|---|--|--------------------|
| Solubility                              | Soluble in 0.05N KOH @ 1mg/mL                        | Passes             |
| Physical Appearance<br>Color*           | 2024-70 to 2028-70, 2144-50 to 2150-50, PM-1 to PM-4 | PM-1 White         |
| Texture                                 | Fine Powder, may form clumps                         | Fine Powder        |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless to Slight Yellow Tint             | Clear<br>Colorless |
| Insolubles                              | None to Few  | Passes- None       |
| FTIR                                    | Conforms to Structure                                | Passes             |
| Purity                                  | Minimum 98.0%  | 99.30%             |

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

## **Biological Testing:**


Test Concentration: 1.0 mg/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 | Begonia              | Passes  |
|  | Dianthus Arctic Fire | 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: 15-January-2026  
Recommended Shelf-Life Date: July 2028

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