

CERTIFICATE OF ANALYSIS

Product Description *meta*-TOPOLIN
Product Number T841
Lot Number HHW0841020
Storage Temperature -20°C
Molecular Weight 241.5 g/mol
Formula C₁₂H₁₀N₅OH
CAS Number 75737-38-1

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|---|---------------------------|
| Solubility | Soluble in 0.05N KOH @ 1mg/mL | Passes |
| Physical Appearance Color* Texture | 2024-70 to 2028-70, 2144-50 to 2150-50 PM-1 to PM-4 Fine Powder, may form clumps | PM-1 White Fine Powder |
| Solution Appearance Clarity Color | Clear Colorless to Slight Yellow Tint | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 5 min) | Passes |
| Insolubles | None to Few | Passes |
| FTIR Results | Conforms to Structure | Passes |
| Purity | Minimum 98.0% | 99.10% |

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

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 more plant tissue cultured lines with no morphological aberrations to plants | Perilla Fantasy | Passes |
| | Xanthi Tobacco Callus | 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: 28-April-2023

Recommended Shelf-Life Date: April 2026



David Hart
Technical Director

PhytoTech Labs Inc.
14610 W 106TH St. Lenexa, KS 66215
Phone: 1-888-749-8682 or 1-913-341-5343
phytotechlab.com