

CERTIFICATE OF ANALYSIS

Product Description *meta*-TOPOLIN
Product Number T841
Lot Number 15H0841008
Storage Temperature -20-0 °C
Molecular Weight 241.5
Formula C₁₂H₁₀N₅OH
CAS Number 75737-38-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1 N KOH @ 1 mg/mL	Passes
Physical Appearance Color*	2024-70 to 2028-70, 2144-50 to 2150-50 PM-1 to PM-4	PM-4 White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 mins
Insolubles	None to Few	Passes-None
FTIR Results	Conforms to Structure	Passes
Purity	Minimum 98.0%	99.38%

* 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	Coreopsis	Passes
	Tobacco Callus	Passes

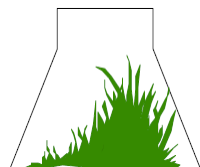
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.

Recommended Shelf Life Date: August 2018



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)

Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)

Visit our Web Site at <http://www.phytotechlab.com>



Created on 14 September 2015 JN