

CERTIFICATE OF ANALYSIS

Product Description *meta*-TOPOLIN
Product Number T841
Lot Number SQS0841010
Storage Temperature -20-0 °C
Molecular Weight 241.5
Formula C₁₂H₁₀N₅OH
CAS Number 75737-38-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 0.05N KOH @ 1mg/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 to Slight Yellow Tint	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 min
Insolubles	None to Few	Passes-Few
FTIR Results	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 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	African Violet	Passes
	Lily	Passes

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

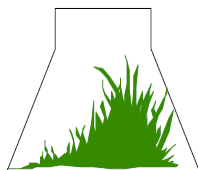
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Date of Release: 05-May-17

Recommended Shelf Life Date: May-2020



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