

# CERTIFICATE OF ANALYSIS

Product Description 1-TRIACONTANOL  
1-HYDROXYTRIACONTANE; MELISSYL ALCOHOL  
Product Number T818  
Lot Number 02H81801  
Storage Temperature 2-8°C  
Molecular Weight 438.82  
Formula C<sub>30</sub>H<sub>62</sub>O  
CAS Number 593-50-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Hot EtOH at 1 mg/ml	Passes
Physical Appearance Color*	2150-70 to 2154-70, 2165-70, or PM-29	2150-70 Off-White
Texture	Flaky to Crystalline Powder	Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None to Few Particles	Passes- Few Particles
FTIR	Conforms to Structure	Passes
Purity	Minimum 85%	86.9%

\* 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	B73 Corn Callus	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.

**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: 07-October-2025

Recommended Shelf-Life Date: October 2028

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