

CERTIFICATE OF ANALYSIS

Product Description (Z)-3-HEXENOL
Product Number H4000
Lot Number 14H400001
Molecular Weight 100.16
Formula $C_6H_{12}O$
CAS Number 928-96-1
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with EtOH @ 10.0 mg/mL	Passes
Physical Appearance		
Color*	Clear	Clear
Texture	Colorless to Light Yellow Liquid	Colorless
Solution Appearance		
Clarity	Under Development	Clear
Color	Under Development	Colorless
Average Time to Dissolve	Under Development	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98%	98.8%

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

Biological Testing:

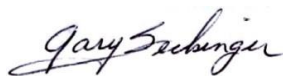
Test Concentration:

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	Hosta	Passes
	Tobacco Callus	Passes

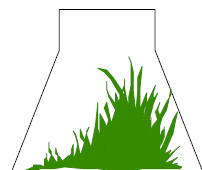
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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.



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