

# CERTIFICATE OF ANALYSIS

Product Description ACETOSYRINGONE  
4-HYDROXY-3',5'-DIMETHOXYACETOPHENONE  
Product Number A104  
Lot Number 08F10413  
Storage Temperature Room Temperature  
Molecular Weight 196.20  
Formula C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>  
CAS Number 2478-38-8

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance Color*	AC-4, AC-7, AC-41, AC-42, RM-30, HC-84, or HC-173	AC-41 Ivory w/ a Tan Tint
Texture	Fine Powder; may have clumps	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 98%	Greater than 98%

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

## Biological Testing:

Test Concentration: 50 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants	Hosta	Passes
	Boston Fern	Passes

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

**Phyto Technology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. Phyto Technology 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: June 2013



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### PhytoTechnology Laboratories, LLC

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