

CERTIFICATE OF ANALYSIS

Product Description (±) JASMONIC ACID, METHYL ESTER
METHYL (±)-JASMONATE
Product Number J389
Lot Number 08A38902
Storage Temperature 2-6° C
Molecular Weight 224.3
Formula C₁₃H₂₀O₃
CAS Number 39924-52-2

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with EtOH @ 10 mg/mL	Passes
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Precipitation Formation	None	Passes
Identity (MS)	Matches Reference Spectrum	Passes
Purity (HPLC)	Minimum 95%	99+%

Biological Testing:

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
	Hosta	Passes

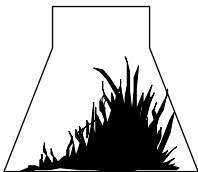
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, 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. *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: January 2013



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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>

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