

CERTIFICATE OF ANALYSIS

Product Description	DICAMBA
Product Number	D159
Lot Number	04B15910
Storage Temperature	2-6° C
Molecular Weight	221.04
Formula	C ₈ H ₆ Cl ₂ O ₃
CAS Number	1918-00-9

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (0.001 g/L)	4.75 – 5.75	5.15
Physical Appearance Color*	RM-3 (Decorators White) RM-1 to RM-3, RM-31, or 2152-60 to 2162-60	RM-3 (Decorators White)
Texture	Crystalline Powder to Crystals	Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 15 min	Within 6 min
Precipitation Formation	None	None
Assay	≥97.5%	98%

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

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or callus formation in two or more plant tissue cultures	Boston Fern	Passes—supported minimal plant growth and callus formation with no morphological aberrations to plants
	Hosta	Passes—supported minimal plant growth and callus formation with no morphological aberrations to plants

The material described in this certificate was manufactured in the United State of America and is of synthetic nature. No animal or plant 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: February 2009

Emily Burdick

Quality Assurance Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

Mailing Address: P.O. Box 13481, Shawnee Mission, KS 66282-3481
 Phone: 1-888-749-8682 (913-341-5343 *Outside the USA & Canada*)
 Fax: 1-888-449-8682 (913-341-5442 *Outside the USA & Canada*)
 Visit our Web Site at <http://www.phytotechlab.com>

*Created on 7/16/2004 12:09:00 PM
 Updated on 12/19/2005 12:31 PM*