CERTIFICATE OF ANALYSIS

Product Description	THIDIAZURON SOLUTION (1 mg/mL) in DMSO
Product Number	T7999
Lot Number	16C7999002
Molecular Weight	220.25
Formula	$C_9H_8N_4OS$
CAS Number	51707-55-2
Storage Temperature	-20°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility (1mg/mL)	Miscible with Water	Passes
Solution Appearance Color Clarity	 Under Development Under Development	 Colorless Clear Liquid
Insolubles	None	Passes
Purity of Raw Material	Minimum 98%	98.2%

* 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	Strawberry	Passes
	Kalanchoe	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.

***Phyto*Technology 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. *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.**

Date of Release: 18-Aug- 2017
Recommended Shelf Life Date: August 2019

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