

CERTIFICATE OF ANALYSIS

Product Description	(+/-)-GR-24 (RAC)-GR24; [(±)-(3AR*,8BS*,E)-3-((R*)-4-METHYL-5-OXO-2,5-DIHYDROFURAN-2-YLOXY)METHYLENE)-3,3A,4,8B-TETRAHYDRO-2H-INDENO[1,2-B]FURAN-2-ONE]
Product Number	G3324
Lot Number	SMS3324001
Storage Temperature	-20°C
Molecular Weight	298.29 g/mol
Formula	C ₁₇ H ₁₄ O ₅
CAS Number	76974-79-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @10 mg/mL	Passes
Physical Appearance Color* Texture	Under Development	PM-4 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve (For Information Only)	Under Development	1 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98%	99.90%

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

Biological Testing:

Test Concentration: 10 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product may or may not support tissue growth. This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities exhibited by morphological aberrations to the plants	Sugarcane	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.

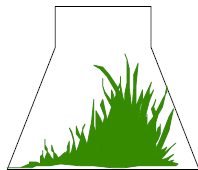
PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. 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.

Date of Release: 16-March-2017

Recommended Shelf Life Date: March 2020



David S. Hart
Technical Director



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

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>

