

# 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 HCY3324004  
Storage Temperature -20°C  
Molecular Weight 298.29 g/mol  
Formula C<sub>17</sub>H<sub>14</sub>O<sub>5</sub>  
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-1 White Crystalline 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%	99.80%

\* 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	Begonia	Passes
	Coreopsis	Passes

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

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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: 5-April-2021  
Recommended Shelf Life Date: April 2024



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