

# CERTIFICATE OF ANALYSIS

Product Description      GRESSHOFF & DOY BASAL MEDIUM  
Product Number          G371  
Lot Number                13E0371010  
Storage Temperature      2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Hot Water	Passes
pH (2.71 g/L)	3.5 – 4.6	4.0
Physical Appearance		
Color*	Under Development	2024-50 Yellow
Texture	Coarse Powder	Coarse Powder
Solution Appearance		
Clarity	Clear to Slightly Hazy	Clear
Color	Colorless to Light Yellow to Yellow-Green Tint	Light Yellow Tint
Average Time to Dissolve	Within 10 min	Passes
Insolubles	None to few	Passes
Moisture	For Information Only	0.87%

\* 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 shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Tobacco Callus	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and 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: 4-May-2018

Recommended Shelf Life Date: November 2020



David S. Hart  
Technical Director



**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>

