

# CERTIFICATE OF ANALYSIS

Product Description BROMOCRESOL PURPLE  
Product Number B1376  
Lot Number 15K1376002  
Molecular Weight 562.2  
Formula  $C_{21}H_{15}Br_2NaO_5S$   
CAS Number 62625-30-3  
Storage Temperature Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 8.0 mg/L	Passes
pH	Under Development	4.7
Physical Appearance		
Color*	Under Development	2130-10 Dark Brown
Texture	Under Development	Fine Powder
Solution Appearance		
Color	Under Development	Clear
Clarity	Under Development	Gold
Average Time to Dissolve	Under Development	Within 1 min
Insolubles	None	Passes
Purity	>90%	94%
FTIR	Conforms to Structure	Passes

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

## Biological Testing:

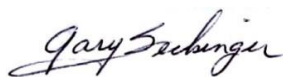
Test Concentration:

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	Tobacco Callus	Passes
	Sugar Cane	Passes

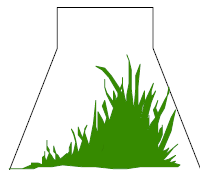
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**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.**

Recommended Shelf Life Date: October 2023



Gary Seckinger, Ph.D.



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