

# CERTIFICATE OF ANALYSIS

Product Description BROMOCRESOL PURPLE  
Product Number B1376  
Lot Number AXR1376003  
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
Functional pH	Solution color below 5.2 is yellow Solution color above 6.8 is purple	Passes
Physical Appearance Color* Texture	Under Development Under Development	HC-71 Dark Red-Brown Crystals
Solution Appearance Color Clarity	Under Development Under Development	Clear Amber
Average Time to Dissolve	Under Development	Within 1 min
Insolubles	None	Passes
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	Begonia	Passes
	Coreopsis	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.

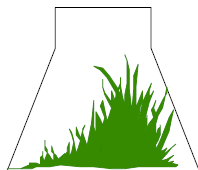
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Date of Release: 27-August-2018

Recommended Shelf Life Date: August 2026



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