

# CERTIFICATE OF ANALYSIS

Product Description 4-BROMOPHENOXYACETIC ACID  
Product Number B148  
Lot Number 02H14801  
Storage Temperature Room Temperature  
Molecular Weight 231.05  
Formula  $C_8H_7BrO_3$   
CAS Number 1878-91-7

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 1 mg/mL	Passes
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder	PM-1 Off-White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	Passes
Insolubles	None	Passes
Purity	Minimum 95.0%	95.23%
FTIR	Conforms to Structure	Passes

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

## Biological Testing:

Testing Concentration: 1 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or callus formation in two or more plant tissue cultured lines with no morphological aberrations to plants	Hosta	Passes
	Tobacco callus	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® 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® 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: 11-June-2020

Recommended Shelf Life Date: June 2025



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