

# CERTIFICATE OF ANALYSIS

Product Description 2, 4-DICHLOROPHENOXYACETIC ACID SOLUTION (1 mg/mL);  
2,4-D  
Product Number D295  
Lot Number 14D0295025  
Storage Temperature 2-6 °C  
Molecular Weight 221.04  
Formula C<sub>8</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub>  
CAS Number 94-75-7

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	For Information Only	13.5
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes

## Biological Testing:

Test Concentration: 1.0 mL (1.0 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.	Kalanchoe	Passes
	Echinacea	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.

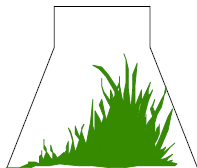
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Date of Release: 26-May-2017

Recommended Shelf Life Date: November -2019



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### **PhytoTechnology Laboratories®**

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