

CERTIFICATE OF ANALYSIS

Product Description 2, 4-Dichlorophenoxyacetic Acid; 2, 4-D
Product Number D299
Lot Number 06M29920
Storage Temperature Room Temperature
Molecular Weight 221.04
Formula $C_8H_6Cl_2O_3$
CAS Number 94-75-7

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in KOH	Soluble in KOH
Physical Appearance		
Color*	2151-70 to 2156-70, PM-1 to PM-4	PM-4 White
Texture	Fine to Granular Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 10 min	Passes
Insolubles	None	Passes

¹ pH is dependent on the type and amount of solvent used.

* 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 callus formation in two or more plant tissue cultures	Begonia	Passes
	Perilla Fantasy	Passes

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

PhytoTech Labs Inc. 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 Inc. 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: 2 July 2021

Recommended Shelf Life Date: July 2026



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