

# CERTIFICATE OF ANALYSIS

Product Description	POTASSIUM PHOSPHATE , MONOBASIC, ANHYDROUS ACS REAGENT MONOPOTASSIUM PHOSPHATE
Product Number	P846
Lot Number	SSS0846048
Storage Temperature	Room Temperature
Molecular Weight	136.09 g/mol
Formula	$\text{KH}_2\text{PO}_4$
CAS Number	7778-77-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	4.0-5.0	4.4
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	PM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 3 min)	3 min
Insolubles	None	Passes
Purity	Minimum 99.0%	99.28%
Loss on Drying	For Information Only	0.06%

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

## Biological Testing:

Test Concentration: 170 mg/L

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	Echinacea	Passes
	Begonia	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

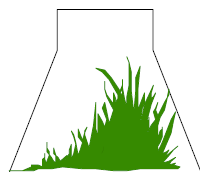
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Date of Release: 5-June-2017

Recommended Shelf Life Date: June 2025



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