

# CERTIFICATE OF ANALYSIS

Product Description	SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE ACS REAGENT
Product Number	S515
Lot Number	SUS0515018
Storage Temperature	Room Temperature
Molecular Weight	137.99 g/mol
Formula	NaH <sub>2</sub> PO <sub>4</sub> •H <sub>2</sub> O
CAS Number	10049-21-5

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.5
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 98.0%	99.88%

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

## Biological Testing:

Test Concentration: 170.0 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	Coreopsis	Passes
	Cape Primrose	Passes

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

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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: 21-September-2017  
Recommended Shelf Life Date: September 2025



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### **PhytoTechnology Laboratories®**

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