

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM SULFATE, ANHYDROUS  
CRYSTALLINE, ACS REAGENT  
Product Number P854  
Lot Number 11J0854028  
Storage Temperature Room Temperature  
Molecular Weight 174.26  
Formula  $K_2SO_4$   
CAS Number 7778-80-5

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.25
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Fine Powder to Crystals, may form clumps	RM-31 White Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity (as $K_2SO_4$ )	Minimum 99.0%	99.87%

\* 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	Syngonium	Passes
	Kalanchoe	Passes

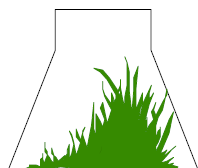
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**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.

Recommended Shelf Life Date: September 2019



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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