

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM SULFATE, ANHYDROUS  
CRYSTALLINE, ACS REAGENT  
Product Number P854  
Lot Number SWS0854039  
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	6.3
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Crystals, may form clumps	PM-4 White Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 min
Insolubles	None	Passes
Purity (as $K_2SO_4$ )	Minimum 99.0%	99.39%

\* 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	Begonia	Passes
	Coreopsis	Passes

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

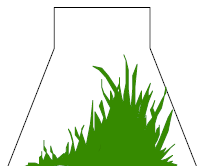
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Date of Release: 10-November-2017

Recommended Shelf Life Date: November 2025



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