

CERTIFICATE OF ANALYSIS

Product Description POTASSIUM SULFATE, ANHYDROUS
CRYSTALLINE, ACS REAGENT
Product Number P854
Lot Number HRA0854043
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	5.9
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Crystals, may form clumps	PM-1 White Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	Passes
Insolubles	None	Passes
Purity (as K_2SO_4)	Minimum 99.0%	99.55%
Atomic Absorption	For Information Only	Passes

* 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	African Violet	Passes
	Tobacco Callus	Passes

The material described in this certificate is synthetic. No animal- or plant-derived 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: 4 December 2020

Recommended Shelf Life Date: December 2028



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