

CERTIFICATE OF ANALYSIS

Product Description POTASSIUM SULFATE, ANHYDROUS
CRYSTALLINE, ACS REAGENT
Product Number P854
Lot Number SUT0854038
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	6.0
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Crystals, may form clumps	PM-1 Off-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%	99.85%

* 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	Cape Primrose	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.

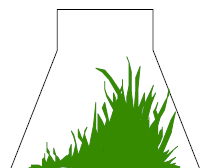
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Date of Release: 2-Aug-2016

Recommended Shelf Life Date: September 2024



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