## **CERTIFICATE OF ANALYSIS**

Product Description ZINC SULFATE, HEPTAHYDRATE

Product Number Z101

Lot Number SSS0101008

Storage Temperature Room Temperature

Molecular Weight 287.54

Formula ZnSO<sub>4</sub>•7H<sub>2</sub>O CAS Number 7446-20-0

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS	
Solubility	Soluble in Water @ 10 mg/mL	Passes	
pН	Under Development	5.1	
Physical Appearance			
Color*	PM-1 to PM-4	PM-1 Off-White	
Texture	Crystalline Powder or Crystals	Crystalline Powder	
Solution Appearance			
Clarity	Clear	Clear	
Color	Colorless	Colorless	
	For Information Only		
Average Time to Dissolve	(Approx. 5 min)	5 min	
Insolubles	None	Passes	
Purity	Minimum 99.0%	99.70%	

<sup>\*</sup> Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color PreviewTM).

## **Biological Testing:**

Test Concentration: 8.6 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or	Echinacea	Passes
more plant tissue cultured lines with no morphological aberrations to plants	Begonia	Passes

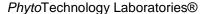
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

Phyto Technology 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. Phyto Technology 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: 06-Jun-2017

Recommended Shelf Life Date: June-2025

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