

# CERTIFICATE OF ANALYSIS

Product Description ZINC SULFATE, HEPTAHYDRATE  
Product Number Z101  
Lot Number 10J0101004  
Storage Temperature Room Temperature  
Molecular Weight 287.54  
Formula  $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$   
CAS Number 7446-20-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.9
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder to Crystals	PM-4 White Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Within 5 min)	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	99.3%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## 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 more plant tissue cultured lines with no morphological aberrations to plants	Dianthus	Passes
	Syngonium	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.

Date of Release: 20-September-2018

Recommended Shelf Life Date: September 2023



David S. Hart  
Technical Director



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Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)

Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)

Visit our Web Site at <http://www.phytotechlab.com>