

# CERTIFICATE OF ANALYSIS

Product Description      ZINC SULFATE, HEPTAHYDRATE  
Product Number         Z101  
Lot Number                03K10103  
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	Passes
pH (0.0086 g/L)	Under Development	5.76
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Crystalline Powder	RM-2 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes

\* 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	Cape Sundew	Passes
	Hosta	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.**

Recommended Shelf Life Date: October 2011



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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