

CERTIFICATE OF ANALYSIS

Product Description ZINC SULFATE, HEPTAHYDRATE
Product Number Z101
Lot Number 03K10103
Storage Temperature Room Temperature
Molecular Weight 287.54
Formula ZnSO₄•7H₂O
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*	RM-1 to RM-3 or RM-31	RM-2 White
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	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

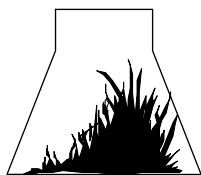
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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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