

CERTIFICATE OF ANALYSIS

Product Description	FERROUS SULFATE, HEPTAHYDRATE		
	USP GRADE		
Product Number	F629		
Lot Number	08E62901		
Storage Temperature	Room Temperature	Formula	FeSO ₄ •7H ₂ O
Molecular Weight	278.02	CAS Number	7782-63-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.027 g/L)	Under Development	5.57
Physical Appearance Color*	2030-70 to 2050-70 or 2030-60 to 2037-60	2048-70 Light Tan
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Green Tint	Clear Colorless
Insolubles	None Observed	Passes
Assay (FeSO ₄ •7H ₂ O)	Minimum 99.5%	100%

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

Biological Testing:


Test Concentration: 27.0 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	Tobacco Callus	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: May 2016



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