

CERTIFICATE OF ANALYSIS

Product Description	IRON CHELATE; SEQUESTRENE® 138 SODIUM FERRIC ETHYLENEDIAMINE BIS(2-HYDROXYOHENYLACETATE)
Product Number	I338
Lot Number	11F0338011
Storage Temperature	Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	8.18
Physical Appearance		
Color*	2114-10 to 2116-10, 2114-20 to 2116-20, 2130-10 or HC-64	2114-10 Dark Red
Texture	Fine to Coarse Powder	Coarse Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Dark Red to Brown	Dark Red
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes

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

Biological Testing:

Test Concentration: 37.5 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
	Blackberry	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: June 2019



Gary Seckinger, Ph.D.



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