

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINE BIS(2-HYDROXYPHENYLACETIC ACID),
FERRIC-SODIUM SALT; FeNa-EDDHA
Product Number E349
Lot Number 02J34901
Storage Temperature Room Temperature
Molecular Weight 434.8
Formula C₁₈H₁₆O₆N₂NaFe
CAS Number 16455-61-1

Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH (0.050 g/L)	Under Development	7.49
Physical Appearance Color* Texture	2127-10 to 2133-10 Fine to Coarse Powder	2133-10 Black Coarse Powder
Solution Appearance Clarity Color	Clear to Opaque Dark Red	Opaque Dark Red
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: 50 mg/mL

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	Boston Fern	Passes
	Hosta	Passes

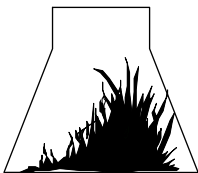
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, LLC 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: April 2014



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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