

CERTIFICATE OF ANALYSIS

Product Description	ETHYLENEDIAMINE BIS(2-HYDROXYPHENYLACETIC ACID), FERRIC-SODIUM SALT; FeNa-EDDHA
Product Number	E349
Lot Number	13J0349004
Storage Temperature	Room Temperature
Molecular Weight	434.8
Formula	C ₁₈ H ₁₆ O ₆ N ₂ NaFe
CAS Number	16455-61-1

Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	8.4
Physical Appearance Color* Texture	2127-10 to 2133-10 Crystalline Powder	2130-10 Reddish Black Crystalline Powder
Solution Appearance Clarity Color	Clear to Opaque Dark Red	Clear Dark Red
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes

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

Biological Testing:


Test Concentration: 50.0 mg/mL

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue culture lines with no morphological aberrations to plants	Tobacco callus	Passes
	Boston Fern	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: September 2021



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