

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINE BIS(2-HYDROXYPHENYLACETIC ACID),
FERRIC-SODIUM SALT; FeNa-EDDHA
Product Number E349
Lot Number HET0349013
Storage Temperature Room Temperature
Molecular Weight 435.2
Formula C₁₈H₁₆O₆N₂NaFe
CAS Number 16455-61-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.8
Physical Appearance Color* Texture	2127-10 to 2133-10, or HC-64 Crystalline Powder	2130-10 Dark Brown Crystalline Powder
Solution Appearance Clarity Color	Clear to Opaque Dark Red	Opaque Dark Red
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Atomic Absorption	Under Development	0.131 AU

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

Biological Testing:

Test Concentration: 50.0 mg/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue culture lines with no morphological aberrations to plants	Parrot Feather	Passes
	Xanthi Tobacco Callus	Passes

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

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 10-November-2025

Recommended Shelf-Life Date: November 2033

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