

# CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINE BIS(2-HYDROXYPHENYLACETIC ACID),  
FERRIC-SODIUM SALT; FeNa-EDDHA  
Product Number E349  
Lot Number HHX0349009  
Storage Temperature Room Temperature  
Molecular Weight 435.2  
Formula  $C_{18}H_{16}O_6N_2NaFe$   
CAS Number 16455-61-1

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.7
Physical Appearance Color* Texture	2127-10 to 2133-10, or HC-64 Crystalline Powder	HC-64 Dark Brown Crystalline Powder
Solution Appearance Clarity Color	Clear to Opaque Dark Red	Opaque Dark Red
Average Time to Dissolve	For Information Only (Approx. 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/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	Achimenes	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: 5-May-2022

Recommended Shelf Life Date: May 2030



David Hart  
Technical Director

**PhytoTech Labs Inc.**  
14610 W 106<sup>TH</sup> St. Lenexa, KS 66215  
Phone: 1-888-749-8682 or 1-913-341-5343  
Fax: 1-888-449-8682 or 1-913-341-5442  
Phytotechlab.com