

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINETETRAACETIC ACID, FERRIC-SODIUM SALT
Product Number E676
Lot Number SUS0676013
Storage Temperature Room Temperature
Molecular Weight 367.02
Formula C₁₀H₁₂N₂O₈NaFe
CAS Number 15708-41-5

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.7
Physical Appearance Color* Texture	2150-30, 2151-30 or HC-13 Coarse to Crystalline Powder	HC-13 Dark Green Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Pass
Iron Chelated %	For Information Only	13.3%

* 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	Perilla "Fantasy"	Passes
	Lily	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.

Date of Release: 15-September-2017

Recommended Shelf Life Date: September 2025



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