

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINETETRAACETIC ACID,
DISODIUM SALT, DIHYDRATE; Na₂-EDTA
Product Number E410
Lot Number 14A0410012
Storage Temperature Room Temperature
Molecular Weight 372.24
Formula C₁₀H₁₄N₂O₈Na₂•2H₂O
CAS Number 6381-92-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.7
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Coarse Powder	PM-4 White Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 10 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	99.20%
FTIR	Conforms to Structure	Passes
Heavy Metals (as Pb)	For Information Only	0.0002%

* 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	Coreopsis	Passes
	Hosta	Passes

The material described in this certificate is of 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: January 2022



Gary Seckinger, Ph.D.



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PhytoTechnology Laboratories®

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