

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINETETRAACETIC ACID,
DISODIUM SALT, DIHYDRATE; Na₂-EDTA
Product Number E410
Lot Number SUT0410014
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	4.6
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Coarse Powder	PM-4 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 10 min)	10 min
Insolubles	None	Passes
Purity	Minimum 99.0%	99.2%
FTIR	Conforms to Structure	Passes
Heavy Metals (as Pb)	For Information Only	0.0003%

* 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	Cape Primrose	Passes
	Coreopsis	Passes

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

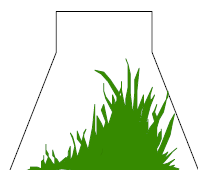
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Date of Release: 2-Aug-16

Recommended Shelf Life Date: September 2024



Gary Seckinger, Ph.D.



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