

CERTIFICATE OF ANALYSIS

Product Description ETHYLENEDIAMINETETRAACETIC ACID,
DISODIUM SALT, DIHYDRATE; Na₂-EDTA
Product Number E410
Lot Number SYS0410015
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 | 4.5 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Fine to Coarse Powder | PM-4 White Coarse 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 | 0.0001% |

* 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 | Ajuga | Passes |
| | Kalanchoe | Passes |

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

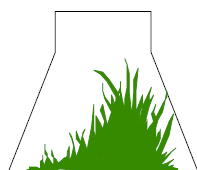
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Date of Release: 22-January-2018

Recommended Shelf Life Date: January 2026



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