

CERTIFICATE OF ANALYSIS

Product Description	SODIUM MAGNESIUM EDTA, ETHYLENEDIAMINETETRAACETIC ACID DISODIUM MAGNESIUM SALT TETRAHYDRATE
Product Number	E2718
Lot Number	12D2718001
Molecular Weight	430.56
Formula	C10H12MgN2Na2O8.4H2O
CAS Number	29932-54-5
Storage Temperature	Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Under Development	Soluble in water @ 1.00 mM
pH (g/L)	Under Development	7.6
Physical Appearance Color* Texture	Under Development Under Development	RM-31 White Fine Powder, form clumps
Solution Appearance Color Clarity	Under Development Under Development	Colorless Clear
Average Time to Dissolve	Under Development	Within 1 minute
Insolubles	Under Development	None
Purity	Under Development	99.80%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

TEST SPECIFICATION	ALGAL CELL LINE	RESULTS
Supports and/or facilitates algal growth.	<i>Synechocystis</i> sp. PCC6803	Passes

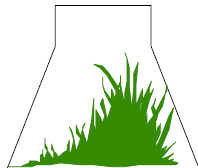
The material described in this certificate is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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: July 2020



Gary Seckinger, Ph.D.



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Dedicated to Growth

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