

CERTIFICATE OF ANALYSIS

Product Description SODIUM METASILICATE, ANHYDROUS
Product Number S7834
Lot Number 12B7834001
Molecular Weight 122.06
Formula Na₂SiO₃
CAS Number 6834-92-0
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially soluble in water @ 13mg/L, forms suspension	Passes
pH (g/L)	Under Development	9.8
Physical Appearance		
Color*	Under Development	RM-31 White
Texture	Under Development	Crystals
Solution Appearance		
Color	Under Development	Colorless
Clarity	Under Development	Clear w/some insolubles
Insolubles	Some white flakes	Passes
Purity	Under Development	96.83%

* 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>Nannochloropsis oculata</i>	Passes

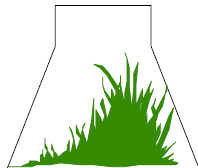
The material described in this certificate is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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: April 2020



Gary Seckinger, Ph.D.



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PhytoTechnology Laboratories®
Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 Outside the USA & Canada)
Fax: 1-888-449-8682 (1-913-341-5442 Outside the USA & Canada)
Visit our Web Site at <http://www.phytotechlab.com>



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