

CERTIFICATE OF ANALYSIS

Product Description FOLIC ACID, USP GRADE
 Product Number F430
 Lot Number 11E0430005
 Storage Temperature Room Temp.
 Molecular Weight 441.45
 Formula C₁₉H₁₉N₇O₆
 CAS Number 59-30-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 1 mg/mL	Passes
Physical Appearance Color*	2018-10 to 2022-10, 2018-20 to 2022-20, or 2018-30 to 2022-30,	2021-20 Dark Yellow
Texture	Fine Powder; May have clumps	Fine Powder with clumps
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 95.0%	96.5%
Water Content	For Information Only	7.7%

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

Biological Testing:

Test Concentration: 0.5 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	Tobacco callus	Passes
	Syngonium	Passes

The material described in this certificate is 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: May 2019



Gary Seckinger, Ph.D.



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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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