

CERTIFICATE OF ANALYSIS

Product Description D-(+) GLUCOSE, ANHYDROUS
DEXTROSE; CORN SUGAR
Product Number G386
Lot Number 15G0386035
Storage Temperature Room Temperature
Molecular Weight 180.16
Formula $C_6H_{12}O_6$
CAS Number 50-99-7

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 20 mg/mL	Passes
pH	3.5-6.5	5.0
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	PM-4 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 mins)	5 mins
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Under Development	99.90%
Water Content	For Information Only	0.01%

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

Biological Testing:

Test Concentration 20 g/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	Achimenes	Passes
	Ajuga	Passes

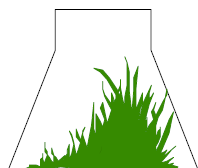
The material described in this certificate was manufactured in the United States of America and is highly refined, so as to be considered synthetic from plant starting material. No animal-derived components were used in the manufacture of this product.

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 2023



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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