## **CERTIFICATE OF ANALYSIS**

Product Description PINEAPPLE POWDER

Product Number P862

Lot Number 10J0862011

Storage Temperature Room Temperature

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (20.00 g/L)	3.5 - 4.5	3.5
Physical Appearance		
Color*	2017-70 to 2024-70 or	
	2017-60 to 2024-60	2018-60 Light Yellow
Texture	Fine Powder, may have Clumps	Fine Powder w/clumps
Solution Appearance		
Clarity	Opaque	Opaque
Color	Tan w/a Yellow Cast	Tan w/a Yellow Cast

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

## **Biological Testing:**

Test Concentration: 20.0 g/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or	Habenaria Repens	Passes
more plant tissue cultured lines with no morphological aberrations to plants	Oerstedella	Passes

The material described in this certificate was manufactured in the United States of America and is plant-derived. This product is made from a pineapple puree spray-dried with maltodextrin at 215° F for 15-30 seconds under high pressure. No animal-derived components were used in the manufacture of this product.

Phyto Technology 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. Phyto Technology 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.

Date of Release:12-September-2017

Recommended Shelf Life Date: September 2022

David S. Hart Technical Director

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

