

# CERTIFICATE OF ANALYSIS

Product Description      PINEAPPLE POWDER  
Product Number        P862  
Lot Number              HMA0862020  
Storage Temperature    Room Temperature

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Suspension in Water	Passes
pH (20.00 g/L)	3.5 – 4.5	4.1
Physical Appearance Color*	2017-70 to 2024-70 or 2017-60 to 2024-60, HC-12	HC-12 Tan
Texture	Fine Powder, may have clumps	Fine Powder
Solution Appearance Clarity Color	Opaque Tan w/a Yellow Cast	Opaque Tan w/a Yellow Cast

\* 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 more plant tissue cultured lines with no morphological aberrations to plants	Oncidium	Passes
	S. Parsonii	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.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Product Release Date: 16-February-2021  
Recommended Shelf Life Date: February 2029



David S. Hart  
Technical Services Manager

**PhytoTech Labs Inc.**  
14610 W 106<sup>TH</sup> St. Lenexa, KS 66215  
Phone: 1-888-749-8682 or 1-913-341-5343  
Fax: 1-888-449-8682 or 1-913-341-5442  
phytotechlab.com