

CERTIFICATE OF ANALYSIS

Product Description PINEAPPLE POWDER
Product Number P862
Lot Number AXR0862019
Storage Temperature Room Temperature

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|--|-------------------------------|
| Solubility | Suspension in Water | Passes |
| pH (20.00 g/L) | 3.5 – 4.5 | 3.9 |
| Physical Appearance Color* | 2017-70 to 2024-70 or 2017-60 to 2024-60, HC-12 | HC-12 Beige |
| 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 | Cattleya | Passes |
| | S. Parsonii | Passes |

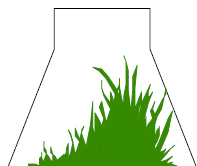
The material described in this certificate was manufactured in the United States of America and is plant-derived. This product is made from a pineapple puree spray-dried with maltodextrin at 215 °F for 15-30 seconds under high pressure. No animal-derived components were used in the manufacture of this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

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Date of Release: 06-August-2018
Recommended Shelf Life Date: August 2026



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