

CERTIFICATE OF ANALYSIS

Product Description TERRESTRIAL (CYPRIPEDIUM) ORCHID MEDIUM
CONTAINS AGAR, 600 mg/mL CALCIUM NITRATE, AND
200 mg/mL CASEIN; WITHOUT AMMONIUM NITRATE

Product Number T842

Lot Number HYW0842013

Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---------------------|----------------------------|---------------------|
| Solubility | Partially Soluble in Water | Passes |
| pH (27.44 g/L) | 4.75 – 6.25 | 5.4 |
| Physical Appearance | | |
| Color* | 2143-70 to 2160-70 | 2143-70 White |
| Texture | Fine Powder | Fine Powder |
| Solution Appearance | | |
| Clarity | Translucent, Grainy | Translucent, Grainy |
| Color | Gray to Green w/Brown Cast | Gray Cast |
| Moisture | For Information Only | 2.11% |

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

Biological Testing:

| 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 |
| | Cattleya | Passes |

The material described in this certificate was manufactured in the United States of America and contains components that are synthetic, plant- and animal-derived. The plant-derived components are agar manufactured from marine algae (seaweed) and glucose, which is so highly refined that it is considered to be synthetic from plant (corn of US origin) starting material. The animal-derived component is hydrolyzed casein from bovine milk of New Zealand and/or Australia origin. It was hydrolyzed with a Porcine-derived enzyme of US/Canadian origin.

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.

Date of Release: 28-March-2023

Recommended Shelf Life Date: March 2028



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