## **CERTIFICATE OF ANALYSIS**

Product Description ORCHID MULTIPLICATION MEDIUM

WITHOUT CHARCOAL AND AGAR

Product Number P793

Lot Number HGW0793028

Storage Temperature 2-8°C

## **Physiochemical Specifications:**

| TEST                     | SPECIFICATION          | RESULTS             |
|--------------------------|------------------------|---------------------|
| Solubility               | Soluble in Water       | Passes              |
| pH (25.30 g/L)           | 4.7 - 5.8              | 5.3                 |
| Physical Appearance      |                        |                     |
| Color*                   | 2147-70 to 2156-70 or  | 2148-70 Light Cream |
|                          | 2022-70 to 2026-70     |                     |
| Texture                  | Fine Powder            | Fine Powder         |
| Solution Appearance      |                        |                     |
| Clarity                  | Clear to Slightly Hazy | Clear               |
| Color                    | Yellow to Yellow-Green | Yellow-green        |
|                          | For Information Only   |                     |
| Average Time to Dissolve | (Approx. 5 min)        | Passes              |
| Insolubles               | None to Fine           | Passes- None        |
| Moisture                 | For Information Only   | 1.59%               |

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

## **Biological Testing:**

| TEST SPECIFICATION   | PLANT CELL LINE | RESULTS |
|--|-----------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more | Cattleya        | Passes  |
| plant tissue cultured lines with no<br>morphological aberrations to plants         | Oncidium        | Passes  |

The material described in this certificate was manufactured in the United States of America and contains synthetic and animal-derived components. The animal-derived component is peptone made from porcine stomach tissue that originated in the United States and was processed in Denmark. This product contains 2.0 g/L peptone (7.9% w/w)

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Date of Release: 25-September-2023

Recommended Shelf-Life Date: September 2026

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