CERTIFICATE OF ANALYSIS

Product Description ORCHID MAINTENANCE MEDIUM

CONTAINS CHARCOAL, WITHOUT AGAR

Product Number P668

Lot Number HCY0668181

Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---------------------|-------------------------------|-------------------|
| Solubility | Partially Soluble in Water | Passes |
| pH (27.31 g/L) | 4.7 - 5.8 | 5.3 |
| Physical Appearance | | |
| Color* | 2124-10, 2124-20, 2125-20, | |
| | 2127-20, 2134-30, 2134-40, | |
| | 2121-30 or 2124-30 to 2126-30 | 2125-20 Dark Grey |
| Texture | Fine to Coarse Powder | Fine Powder |
| Solution Appearance | | |
| Clarity | Opaque, Grainy | Opaque, Grainy |
| Color | Black | Black |
| Moisture | For Information Only | 1.53% |

^{*} Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color PreviewTM).

Biological Testing:

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|-------------------------------------------------------------------------------|-----------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or | Oncidium | Passes |
| more plant tissue cultured lines with no morphological aberrations to plants. | S Parsonii | 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 manufactured from bovine meat of USA origin. This product contains 2.0 g/L peptone (1L = 27.31 g).

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Recommended Shelf Life Date: March-2024

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