

CERTIFICATE OF ANALYSIS

Product Description ORCHID MAINTENANCE MEDIUM
CONTAINS CHARCOAL, WITHOUT AGAR
Product Number P668
Lot Number 16C0668137
Storage Temperature 2-6 °C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|---|-------------------------|
| Solubility | Partially Soluble in Water | Passes |
| pH (27.31 g/L) | 4.7 – 5.8 | 5.2 |
| Physical Appearance Color* | 2124-10, 2124-20, 2125-20, 2127-20, 2134-30, 2134-40, 2121-30 or 2124-30 to 2126-30 | 2126-30 Black |
| Texture | Fine to Coarse Powder | Fine Powder |
| Solution Appearance Clarity Color | Opaque, Grainy Black | Opaque, Grainy Black |
| Moisture | For Information Only | 1.33% |

* 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 |
| | Oerstedella | Passes |

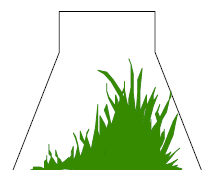
The material described in this certificate was manufactured in the United States of America and contains synthetic and animal-derived components. The animal-derived component is peptone manufactured from porcine stomach tissue of United States origin. This product contains 2.0 g/L peptone (1L = 27.31 g).

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.

Recommended Shelf Life Date: March 2019



Gary Seckinger, Ph.D.



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