CERTIFICATE OF ANALYSIS

Product Description ORCHID SEED SOWING MEDIUM II

CONTAINS AGAR, WITHOUT CHARCOAL

Product Number P727

Lot Number HGA0727007

Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---------------------|-----------------------------|---------------------|
| Solubility | Partially Soluble in Water | Passes |
| pH (31.74 g/L) | Under Development | 5.5 |
| Physical Appearance | | |
| Color* | 2151-60 to 2155-60 or | 2154-70 Light Cream |
| | 2151-70 to 2160-70 | |
| Texture | Fine to Coarse Powder | Fine Powder |
| Solution Appearance | | |
| Clarity | Translucent, Grainy | Translucent, Grainy |
| Color | Light Yellow to Light Brown | Light Yellow |
| Moisture | For Information Only | 2.06% |

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

Biological Testing:

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|---------------------------------------------------------------------------------|-----------------|---------|
| This product is tested with two or more plant cell lines to ensure there are no | S. Parsonii | Passes |
| phytotoxic impurities that would cause morphological aberrations to plants. | Oncidium | Passes |

The material described in this certificate was manufactured in the United States of America and is synthetic in nature with an animal derived component. The animal-derived component of this product is peptone derived from Porcine meat of US origin.

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Date of Release: 5-October-2020

Recommended Shelf Life Date: October 2023

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