

# CERTIFICATE OF ANALYSIS

Product Description      KAO & MICHAYLUK MODIFIED BASAL MEDIUM  
Product Number          K427  
Lot Number                15J0427007  
Storage Temperature      2-8°C

## Physiochemical Specifications:

| TEST                     | SPECIFICATION                           | RESULTS             |
|--------------------------|---|---------------------|
| Solubility               | Soluble in Water                        | Passes              |
| pH (3.90 g/L)            | Under Development                       | 3.2                 |
| Physical Appearance      |   |                     |
| Color*                   | 2150-70 to 2161-70                      | 2151-70 Light Cream |
| Texture                  | Fine Powder                             | Fine Powder         |
| Solution Appearance      |   |                     |
| Clarity                  | Clear                                   | Clear               |
| Color                    | Yellow to Yellow-Green                  | Yellow-Green        |
| Average Time to Dissolve | For Information Only<br>(Approx. 3 min) | 2 min               |
| Insolubles               | None                                    | Passes              |
| Moisture                 | For Information Only                    | 0.93%               |

\* 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 | African Violet  | Passes  |
|  | Cape Primrose   | Passes  |

The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

***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.

Date of Release: 18-Aug- 2017  
Recommended Shelf Life Date: February 2020



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### **PhytoTechnology Laboratories®**

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