

# CERTIFICATE OF ANALYSIS

Product Description LINSMAIER & SKOOG MODIFIED BASAL  
MEDIUM W/ 30 g/L SUCROSE  
pH ADJUSTED AND BUFFERED  
Product Number L473  
Lot Number 14C0473008  
Storage Temperature 2-6 °C

## Physiochemical Specifications:

| TEST                                     | SPECIFICATION                                    | RESULTS                       |
|--|--|-------------------------------|
| Solubility                               | Soluble in Water                                 | Passes                        |
| pH (35.53 g/L)                           | Under Development                                | 5.4                           |
| Physical Appearance<br>Color*<br>Texture | PM-1 to PM-4<br>Fine Powder                      | PM-1 Off White<br>Fine Powder |
| Solution Appearance<br>Clarity<br>Color  | Clear to Hazy<br>Colorless to Slight Yellow Tint | Clear<br>Slight Yellow Tint   |
| Average Time to Dissolve                 | Within 3 min                                     | Passes                        |
| Insolubles                               | None to Fine                                     | Passes--None                  |
| Moisture                                 | For Information Only                             | 0.90%                         |
| Osmolality                               | For Information Only                             | 203 mOSm/kg                   |

\* 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  |
|  | Ajuga           | 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.

Recommended Shelf Life Date: March 2017



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