

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG MODIFIED BC POTATO BASAL MEDIUM  
CONTAINS FeNa-EDTA  
Product Number M516  
Lot Number 07F51608  
Storage Temperature 2-6° C

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION                                 | RESULTS                     |
|---|---|-----------------------------|
| Solubility                              | Soluble in Water                              | Soluble in Water            |
| pH (4.41 g/L)                           | 4.25 – 5.25                                   | 4.84                        |
| Physical Appearance<br>Color*           | 2025-70 (Barely Yellow)<br>2023-70 to 2027-70 | 2024-70 (Lemon Ice)         |
| Texture                                 | Fluffy Powder                                 | Fluffy Powder               |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless to Slight Yellow Tint      | Clear<br>Slight Yellow Tint |
| Average Time to Dissolve                | Within 5 min                                  | Within 2 min                |
| Precipitation Formation                 | None  | None                        |

\* 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 | Potato          | Passes  |
|  | Boston Fern     | Passes  |

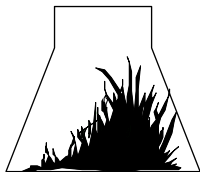
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal-derived components were used in the manufacture of this product.

*PhytoTechnology Laboratories, LLC* 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: June 2010

Gary Seckinger

Technical Manager



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### **PhytoTechnology Laboratories, LLC**

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>

Created on 8/27/2007 11:33 AM