

# CERTIFICATE OF ANALYSIS

Product Description MALT EXTRACT  
Product Number M474  
Lot Number 15A0474013  
Storage Temperature Room Temperature  
CAS Number 8002-48-0

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION   | RESULTS                    |
|---|---|----------------------------|
| Solubility                              | Soluble in Water @ 2 mg/mL  | Passes                     |
| pH (2.00 g/L)                           | 4.9 – 5.9   | 5.5                        |
| Physical Appearance<br>Color*           | 2152-40 to 2154-40, 2152-50 to 2155-50, 2152-60 to 2155-60, HC-9, HC-12, or HC-31 | 2154-60 Cream              |
| Texture                                 | Fine to Granular Powder   | Fine Powder                |
| Solution Appearance<br>Clarity<br>Color | Clear to Hazy<br>Colorless to Slight Yellow Tint                                  | Slightly Hazy<br>Colorless |
| Insolubles                              | None to Fine  | Passes--Fine               |

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Test Concentration: 2.00 g/L

| TEST SPECIFICATION  | PLANT CELL LINE   | RESULTS |
|---|-------------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue culture lines with no morphological aberrations to plants | Cattleya Orchid   | Passes  |
|   | Dendrobium Orchid | Passes  |

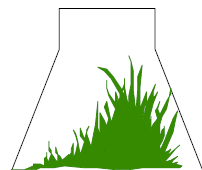
The material described in this certificate was manufactured in the United States of America and is plant-derived. No animal-derived components were used in the manufacture of this product.

**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: January 2023



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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