

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG BASAL SALT MIXTURE  
Product Number M524  
Lot Number SMR0524194  
Storage Temperature 2-8°C

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION   | RESULTS                     |
|---|---|-----------------------------|
| Solubility                              | Soluble in Water  | Passes                      |
| pH (4.33 g/L)                           | 3.5 – 4.5   | 4.0                         |
| Physical Appearance<br>Color*           | 2024-60, 2022-70 to 2026-70, 2143-70 to 2148-70, PM-1 to PM-4 | PM-1 Off-White              |
| Texture                                 | Fine Powder   | Fine Powder                 |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless to Slight Yellow Tint                      | Clear<br>Slight Yellow Tint |
| Average Time to Dissolve                | For Information Only<br>(Approx. 2 min)                       | 2 min                       |
| Insolubles                              | None  | Passes                      |
| Moisture                                | For Information Only  | 0.98%                       |

\* 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. | Cape Primrose   | Passes  |
|   | Perilla Fantasy | 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.

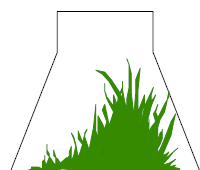
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Date of Release: 23-February-2018

Recommended Shelf Life Date: February 2021



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### **PhytoTechnology Laboratories®**

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