

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG BASAL SALT MIXTURE  
Product Number M524  
Lot Number HEW0524259  
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 | 2145-70 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)                       | Passes                      |
| Insolubles                              | None  | Passes                      |
| Moisture                                | For Information Only  | 1.03%                       |

\* 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. | Achimenes          | Passes  |
|   | H38 Tobacco Callus | 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.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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: 30-October-2023

Recommended Shelf-Life Date: October 2026



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