

CERTIFICATE OF ANALYSIS

Product Description LLOYD & McCOWN WOODY PLANT BASAL MEDIUM w/ VITAMINS
Product Number L449
Lot Number STS0449090
Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|--|-----------------------------|
| Solubility | Soluble in Water | Passes |
| pH (2.41 g/L) | 3.5 – 4.5 | 4.1 |
| Physical Appearance Color* | PM-1 to PM-4, PM-19, 2021-70 to 2025-70, or 2020-60 to 2024-60 | 2022-60 Yellow |
| Texture | Fine Powder | Fine Powder |
| Solution Appearance Clarity Color | Clear Colorless to Slight Yellow Tint | Clear Slight Yellow Tint |
| Average Time to Dissolve | For Information Only (Approx. 15 min) | 15 min |
| Insolubles | None | Passes |
| Moisture | For Information Only | 1.87% |

* 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. | Royal Frost Birch | Passes |
| | Blackberry | Passes |

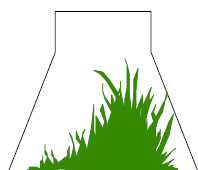
The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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Date of Release: 05-September-2017
Recommended Shelf Life Date: September 2020



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