

CERTIFICATE OF ANALYSIS

Product Description LLOYD & MCCOWN WOODY PLANT BASAL MEDIUM W/ VITAMINS
Product Number L449
Lot Number SMR0449096
Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|--|-----------------------------|
| Solubility | Soluble in Water | Passes |
| pH (2.41 g/L) | 3.5 – 4.5 | 4.0 |
| Physical Appearance Color* | PM-1 to PM-4, PM-19, 2021-70 to 2025-70, or 2020-60 to 2024-60 | PM-4 White |
| 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) | 25 min |
| Insolubles | None | Passes |
| Moisture | For Information Only | 2.05% |

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

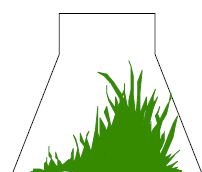
The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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Date of Release: 1-March-2018
Recommended Shelf Life Date: March 2021



David S. Hart
Technical Director



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

