# CERTIFICATE OF ANALYSIS

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|---|---|
| Product Description | PHLOROGLUCINOL<br>1,3,5-TRIHYDROCYBENZENE |
| Product Number | P694 |
| Lot Number | AHR0694017 |
| Storage Temperature | Room Temperature |
| Molecular Weight | 126.12 |
| Formula | $C_6H_6O_3$ |
| CAS Number | 108-73-6 |

## Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|---|---|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 5.7 |
| Physical Appearance<br>Color*<br><br><br>Texture | <br>2143-70 to 2155-70,<br>2162-70 to 2162-40,<br>RM-1 to RM-5, or RM-31<br>Fine Powder | <br><br>PM-1 Off-White<br><br>Fine Powder |
| Solution Appearance<br>Clarity<br>Color | <br>Clear<br>Colorless to Light Yellow Tint | <br>Clear<br>Colorless |
| Average Time to Dissolve | Within 5 min | Passes |
| Insolubles | None to Few | Passes-None |
| Purity | Minimum 98.0% | 100.18% |
| FTIR | Conforms to Structure | Passes |

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

## Biological Testing:

Test Concentration: 100.0 mg/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|---|---|---|
| Supports and/or facilitates plant growth and/or shoot and/or root proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | Begonia | Passes |
| | Tobacco Callus | Passes |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

***Phyto*Technology 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. *Phyto*Technology 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.**

Date of Release: 13-April-2018
Recommended Shelf Life Date: April 2026

David S. Hart
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