

# CERTIFICATE OF ANALYSIS

Product Description FLURPRIMIDOL  
Product Number F376  
Lot Number 16C0376007  
Storage Temperature 2-6 °C  
Molecular Weight 312.29  
Formula  $C_{15}H_{15}F_3N_2O_2$   
CAS Number 56425-91-3

## Physiochemical Specifications:

| TEST                                     | SPECIFICATION                                  | RESULTS                           |
|--|--|-----------------------------------|
| Solubility                               | Soluble in DMSO @ 2 mg/mL                      | Passes                            |
| Physical Appearance<br>Color*<br>Texture | Under Review<br>Crystalline to Granular Powder | PM-29 Cream<br>Crystalline Powder |
| Solution Appearance<br>Clarity<br>Color  | Clear<br>Colorless                             | Clear<br>Colorless                |
| Average Time to Dissolve                 | For Information Only<br>(Approx. 3 min)        | 3 min                             |
| Insolubles                               | None   | Passes                            |
| FTIR                                     | Conforms to Structure                          | Passes                            |
| Purity                                   | Minimum 97.0%                                  | 98.9%                             |

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

## Biological Testing:

Test Concentration: 2 mg/L

| TEST SPECIFICATION   | PLANT CELL LINE | RESULTS |
|--|-----------------|---------|
| This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants | African Violet  | Passes  |
|  | Hosta           | Passes  |

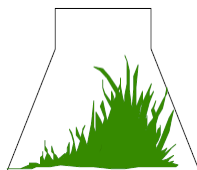
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology 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. PhytoTechnology 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.**

Recommended Shelf Life Date: June 2021



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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