

CERTIFICATE OF ANALYSIS

Product Description ACETYLSALICYLIC ACID
Product Number A118
Lot Number 16B0118004
Storage Temperature Room Temperature
Molecular Weight 180.16
Formula $C_9H_8O_4$
CAS Number 50-78-2

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|--------------------------------------|
| Solubility | Soluble in water @ 1mg/mL | Passes |
| pH | Under Development | 2.4 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Crystalline Powder | PM-1 Off-White Crystalline Powder |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 15 min) | 15 min |
| Insolubles | None | Passes |
| Purity | Minimum 99.5 % | 100.00% |
| Heavy Metals | For Information Only | <0.001% |

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

Biological Testing:

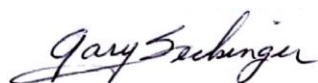
Test Concentration: 100 mg/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|-----------------|---------|
| This product may or may not support tissue growth. It is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants. | Sugar Cane | Passes |
| | Tobacco Callus | Passes |

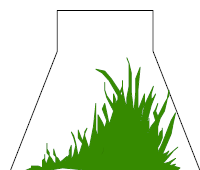
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: February 2024



Gary Seckinger, Ph.D.



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