

# CERTIFICATE OF ANALYSIS

Product Description ACETYLSALICYLIC ACID  
Product Number A118  
Lot Number 04B11801  
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 Hot Water	Passes
pH (0.10 g/L)	Under Development	3.54
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Crystalline Powder	RM-3 White to Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 15 min	Passes
Precipitation Formation	None	Passes
Assay	Minimum 99.5 %	100%
Heavy Metals	For Information Only	<10 ppm

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

## Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product may or may not support tissue growth. This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities which would cause morphological aberrations to plants.	Boston Fern	Passes
	Cape Sundew	Passes

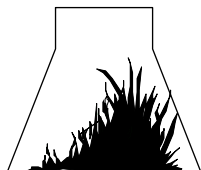
The material described in this certificate was manufactured in the United State of America and is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories, LLC 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 2009



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### **PhytoTechnology Laboratories, LLC**

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