

CERTIFICATE OF ANALYSIS

Product Description ACETYLSALICYLIC ACID
Product Number A118
Lot Number 16C0118005
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 (0.10 g/L)	Under Development	3.2
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
FTIR	Conforms to Structure	Passes
Purity	Minimum 99.5 %	99.9%
Heavy Metals	For Information Only	<0.001%

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

Biological Testing:

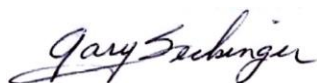
Test Concentration: 100 mg/L

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

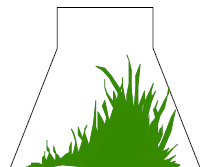
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: March 2024



Gary Seckinger, Ph.D.



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Created on 18 April 2016 JN