

CERTIFICATE OF ANALYSIS

Product Description	1-NAPHTHALENEACETIC ACID, SODIUM SALT
Product Number	N5999
Lot Number	15A5999001
Storage Temperature	Room Temperature
Molecular Weight	208.19
Formula	C ₁₂ H ₉ NaO ₂
CAS Number	63-31-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	9.4
Physical Appearance Color*	Under Development	PM-1 Off-White
Texture	Under Development	Fine Powder w/ Clumps
Solution Appearance Clarity Color	Under Development Under Development	Clear Colorless
Average Time to Dissolve	Under Development	Within 5 min
Insolubles	Under Development	Passes-None
Purity	Minimum 98.0%	98.2%
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	1.8%

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

Biological Testing:

Test Concentration: 2.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or rooting/callus formation in two or more plant tissue cultured lines with no morphological aberrations to plants	African Violet	Passes
	Corn 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: January 2023



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Created on 23 July 2015 JN