

CERTIFICATE OF ANALYSIS

Product Description	α -NAPHTHALENEACETIC ACID, POTASSIUM SALT K-NAA; 1-NAPHTHALENEACETIC ACID, POTASSIUM SALT
Product Number	N610
Lot Number	13L0610006
Storage Temperature	Room Temperature
Molecular Weight	224.3
Formula	C ₁₂ H ₉ KO ₂
CAS Number	15165-79-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	6.5
Physical Appearance		
Color*	2144-70 to 2163-70 or RM-1 to RM-4	RM-1 Off White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity	Minimum 98.0%	98.57 %
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	0.11%

* 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	Tobacco callus	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: November 2021



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