

CERTIFICATE OF ANALYSIS

Product Description α -NAPHTHALENEACETIC ACID, POTASSIUM SALT
K-NAA; 1-NAPHTHALENEACETIC ACID, POTASSIUM SALT
Product Number N610
Lot Number 15M0610008
Storage Temperature Room Temperature
Molecular Weight 224.3
Formula $C_{12}H_9KO_2$
CAS Number 15165-79-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	5.5
Physical Appearance		
Color*	2144-70 to 2163-70 or PM-1 to PM-4	2156-70 Cream
Texture	Fine Powder, may form clumps	Fine Powder w/ Clumps
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 min
Insolubles	None	Passes
Purity	Minimum 95.0%	96.3%
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	1.1%

* 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
	Sugar Cane	Passes

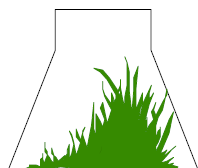
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: December 2023



Gary Seckinger, Ph.D.



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