

CERTIFICATE OF ANALYSIS

Product Description α -NAPHTHALENEACETIC ACID, POTASSIUM SALT
K-NAA; 1-NAPHTHALENEACETIC ACID, POTASSIUM SALT
Product Number N610
Lot Number HXY0610011
Storage Temperature Room Temperature
Molecular Weight 224.3
Formula C₁₂H₉KO₂
CAS Number 15165-79-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	6.1
Physical Appearance Color*	2144-70 to 2163-70 or PM-1 to PM-4	2145-70 Off-White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 5 min)	Passes
Insolubles	None	Passes
Purity	Minimum 95.0%	98.90%
FTIR	Conforms to Structure	Passes

* 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	Xanthi Tobacco Callus	Passes
	Begonia	Passes

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

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 20-August-2021
Recommended Shelf Life Date: August 2029



David S. Hart
Technical Services Manager