

CERTIFICATE OF ANALYSIS

Product Description 1-NAPHTHALENEACETIC ACID, SODIUM SALT
Product Number N5999
Lot Number HYX5999002
Storage Temperature Room Temperature
Molecular Weight 208.19
Formula $C_{12}H_9NaO_2$
CAS Number 63-31-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	7.1
Physical Appearance Color*	Under Development	2148-70 Off-White
Texture	Under Development	Fine Powder
Solution Appearance Clarity	Under Development	Clear
Color	Under Development	Slight Yellow Tint
Average Time to Dissolve	Under Development	Within 5 min
Insolubles	Under Development	Passes-None
Purity	Minimum 95.0%	95.3%
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	1.32%

* 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
	Perilla Fantasy	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: 23-March-2022

Recommended Shelf Life Date: March 2030



David Hart
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