

# CERTIFICATE OF ANALYSIS

Product Description      NICOTINIC ACID; NIACIN  
Product Number        N765  
Lot Number              10G0765007  
Storage Temperature    Room Temperature  
Molecular Weight       123.12  
Formula                  C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>  
CAS Number             59-67-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	2.61
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder	RM-1 Off-White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.5%	99.85%
Loss on Drying	For Information Only	0.17%
Heavy Metals	For Information Only	0.002%

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

## Biological Testing:

Test Concentration: 1.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation 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: July 2018



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories®  
Dedicated to Growth

PhytoTechnology Laboratories®  
Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>



Created on 24 August 2010