

CERTIFICATE OF ANALYSIS

Product Description NIACINAMIDE
USP GRADE
NICOTINAMIDE; 3-PYRIDINECARBOXAMIDE

Product Number N609
Lot Number 11F0609003
Storage Temperature Room Temperature
Molecular Weight 122.12
Formula C₆H₆N₂O
CAS Number 98-92-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	7.8
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder	PM-4 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Purity	Minimum 98.5%	99.68%
Loss on Drying	For Information Only	0.26%
FTIR	Conforms to Structure	Passes

* 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	Cape Primrose	Passes
	African Violet	Passes

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

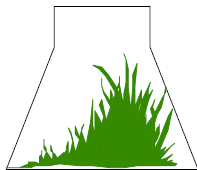
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Date of Release: 25-May-2018

Recommended Shelf Life Date: May 2023



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