

# CERTIFICATE OF ANALYSIS

Product Description	ZINC NITRATE, HEXAHYDRATE
Product Number	Z897
Lot Number	HCX0897012
Storage Temperature	Room Temperature
Molecular Weight	297.48
Formula	$\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
CAS Number	10196-18-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble In Water @ 10 mg/mL	Passes
pH	Under Development	6.1
Physical Appearance	PM-1 to PM-4p	
Color*		PM-4 White
Texture	Crystalline to Granular Powder	Granular Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity	Minimum 98%	99.53%
Atomic Absorption	For Information Only	Passes

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

## Biological Testing:

Test Concentration: 17 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	Perilla Fantasy	Passes
	Tobacco Callus	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: 15-March-2022

Recommended Shelf Life Date: March 2030



David Hart  
Technical Director

**PhytoTech Labs Inc.**  
14610 W 106<sup>TH</sup> St. Lenexa, KS 66215  
Phone: 1-888-749-8682 or 1-913-341-5343  
Fax: 1-888-449-8682 or 1-913-341-5442  
Phytotechlab.com