

# CERTIFICATE OF ANALYSIS

Product Description      SODIUM NITRATE  
Product Number         S802  
Lot Number                AHR0802003  
Storage Temperature    Room Temperature  
Molecular Weight        84.99  
Formula                    NaNO<sub>3</sub>  
CAS Number               7631-99-4

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.2
Physical Appearance Color Texture	PM-1 to PM-4 Crystalline Powder	PM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	99.10%

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

## Biological Testing:

Test Concentration: 150.0 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	Ajuga	Passes
	African Violet	Passes

This product is synthetic. No animal-derived components were used in the manufacture of this product, and it is free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE). PhytoTech Labs Inc. does not use melamine, and is not a component in raw materials used to manufacture products with.

**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.**

Date of Release: 09-April-2018  
Recommended Shelf Life Date: April 2026



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### **PhytoTechnology Laboratories®**

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