

# CERTIFICATE OF ANALYSIS

Product Description SODIUM NITRATE  
Product Number S802  
Lot Number HRW0802005  
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                  | 6.6                              |
| Physical Appearance<br>Color<br>Texture | PM-1 to PM-4<br>Crystalline Powder | PM-2 White<br>Crystalline Powder |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless                 | Clear<br>Colorless               |
| Average Time to Dissolve                | Within 3 min                       | Passes                           |
| Insolubles                              | None                               | Passes                           |
| Purity                                  | Minimum 99.0%                      | 99.90%                           |

\* 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 | H38 Tobacco Callus | Passes  |
|  | Perilla Fantasy    | 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.

**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.**

Product Release Date: 27-November-2023  
Recommended Shelf-Life Date: November 2031



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