

CERTIFICATE OF ANALYSIS

Product Description NH_4NO_3 CONCENTRATED SOLUTION (100X)
Product Number M5631
Lot Number HCG5631009
Molecular Weight 80.04
Formula NH_4NO_3
CAS Number 6484-52-2
Storage Temperature 2-8°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water at 1mL/99mL	Passes
pH (neat)	Under Development	3.9
Physical Appearance		
Color*	Under Development	Colorless
Clarity	Under Development	Clear Liquid
Insolubles	None	Passes

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

Biological Testing:

Test Concentration: 1.00 mL/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	Red Potato	Passes
	Xanthi Tobacco Callus	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. 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: 11-March-2026

Recommended Shelf-Life Date: March 2029

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician