

# CERTIFICATE OF ANALYSIS

Product Description AMMONIUM CHLORIDE  
ACS REAGENT  
Product Number A109  
Lot Number AER0109005  
Storage Temperature Room Temperature  
Molecular Weight 53.49  
Formula NH<sub>4</sub>Cl  
CAS Number 12125-02-9

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 100 mg/mL	Passes
pH	Under Development	4.8
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	PM-4 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 2 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.5%	100.0%
Heavy Metals	For Information Only	5 ppm

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

## **Biological Testing:**

Test Concentration: 100.0 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	Perilla Fantasy	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.

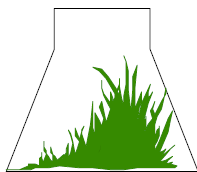
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Date of Release: 19-October-2018

Recommended Shelf Life Date: October-2026



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### **PhytoTechnology Laboratories®**

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