

# CERTIFICATE OF ANALYSIS

Product Description DECONSTRUCTED MS GROUP I-NH<sub>4</sub>NO<sub>3</sub>, (100X MS)  
Product Number M5631  
Lot Number ATR5631003  
Molecular Weight 80.04  
Formula NH<sub>4</sub>NO<sub>3</sub>  
CAS Number 6484-52-2  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH	Under Development	4.0
Physical Appearance		
Color*	Under Development	Colorless
Texture	Under Development	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes

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

## Biological Testing:

Test Concentration: 1 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	African Violet	Passes
	Begonia	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.

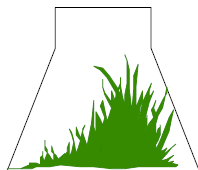
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Date of Release: 7-December-2018

Recommended Shelf Life Date: December-2021



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