

CERTIFICATE OF ANALYSIS

Product Description SILVER NITRATE
Product Number S169
Lot Number SMR0169009
Storage Temperature Room Temperature
Molecular Weight 169.89
Formula AgNO₃
CAS Number 7761-88-8

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|-------------------------------------|--------------------|
| Solubility | Soluble in Water @ 50 mg/mL | Passes |
| pH | Under Development | 4.6 |
| Physical Appearance Color* | 2158-70 to 2162-70, PM-1 to PM-4 | PM-1 Off-White |
| Texture | Crystals | Crystals |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | Within 3 min | 3 min |
| 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: 100 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 | Kalanchoe | Passes |
| | Ajuga | Passes |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

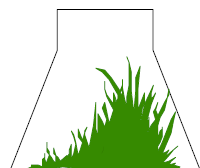
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Recommended Shelf Life Date: February 2026



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