

CERTIFICATE OF ANALYSIS

Product Description CALCIUM NITRATE, TETRAHYDRATE
CRYSTALLINE, ACS REAGENT
Product Number C180
Lot Number AKR0180040
Storage Temperature Room Temperature
Molecular Weight 236.15
Formula Ca(NO₃)₂•4H₂O
CAS Number 13477-34-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 100 mg/mL	Passes
pH	Under Development	4.9
Physical Appearance		
Color	Colorless	Colorless
Texture	Crystals	Crystals
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only	5 min
Insolubles	None	Passes
Purity	Minimum 99.0%	99.60%

Biological Testing:

Test Concentration: 400.0 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	African Violet	Passes
	Kalanchoe	Passes

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

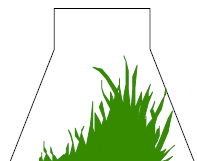
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Date of Release: 1-June-2018

Recommended Shelf Life Date: June 2026



David S. Hart
Technical Director



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Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>

