

# CERTIFICATE OF ANALYSIS

Product Description      CALCIUM CHLORIDE, ANHYDROUS  
FCC GRADE  
Product Number          C266  
Lot Number                11M0266053  
Storage Temperature      Room Temperature  
Molecular Weight        110.98  
Formula                    CaCl<sub>2</sub>  
CAS Number                10043-52-4

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 100 mg/mL	Passes
pH	8 – 10.5	9.90
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder to Bead (Prilled)	RM-31 White Bead (Prilled)
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 93.0%	94.3%

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

## **Biological Testing:**

Test Concentration: 330 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	Tobacco callus	Passes
	Boston fern	Passes

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

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.**

Recommended Shelf Life Date: December 2019



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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