

# CERTIFICATE OF ANALYSIS

Product Description      CALCIUM CHLORIDE, ANHYDROUS  
FCC GRADE  
Product Number          C266  
Lot Number                14A0266058  
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	8.0 – 10.5	10.3
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Bead (Prilled)	PM-4 White Bead
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 93.0%	94.90%

\* 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	Achimenes	Passes
	Syngonium	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: January 2022



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories®  
Dedicated to Growth

### **PhytoTechnology Laboratories®**

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>



Created on 27 February 2014 DS