

# CERTIFICATE OF ANALYSIS

Product Description      CALCIUM CHLORIDE, ANHYDROUS  
FCC GRADE  
Product Number          C266  
Lot Number                HXY0266081  
Storage Temperature     Room Temperature  
Molecular Weight        110.98 g/mol  
Formula                    CaCl<sub>2</sub>  
CAS Number                10043-52-4

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	8.0 – 10.5	9.2
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Bead (Prilled)	PM-1 White Bead (Prilled)
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	Passes
Insolubles	None	Passes
Purity	Minimum 93.0%	95.40%
Atomic Absorption	For Information Only	Passes

\* 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	Coreopsis	Passes
	Tobacco Callus	Passes

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

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release: 30-August-2021

Recommended Shelf Life Date: August 2029



David S. Hart  
Technical Services Director

**PhytoTech Labs Inc.**  
14610 W 106<sup>TH</sup> St. Lenexa, KS 66215  
Phone: 1-888-749-8682 or 1-913-341-5343  
Fax: 1-888-449-8682 or 1-913-341-5442  
Phytotechlab.com