

CERTIFICATE OF ANALYSIS

Product Description CALCIUM CHLORIDE, ANHYDROUS
FCC GRADE
Product Number C266
Lot Number 16D0266062
Storage Temperature Room Temperature
Molecular Weight 110.98
Formula CaCl₂
CAS Number 10043-52-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	8.0 – 10.5	9.1
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder to Bead (Prilled)	PM-4 White Bead (Prilled)
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
Purity	Minimum 93.0%	95.6%

* 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	Strawberry	Passes
	Hosta	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: May 2024



Gary Seckinger, Ph.D.



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PhytoTechnology Laboratories®

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Created on 9 May 2016 JN