

# CERTIFICATE OF ANALYSIS

Product Description      CALCIUM SILICATE  
Product Number          C134  
Lot Number                08J34103  
Storage Temperature      Room Temperature  
Molecular Weight        116.16  
Formula                    CaSiO<sub>3</sub>  
CAS Number                1344-95-2

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Insoluble in Water	Passes
pH (0.10 g/L)	Under Development	9.65
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder	Fine Powder
Solution Appearance Clarity Color	Cloudy Colorless	Cloudy Colorless

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

## Biological Testing:

Test Concentration: 100 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	Syngonium	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.

**PhytoTechnology Laboratories, LLC 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: September 2013



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### **PhytoTechnology Laboratories, LLC**

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