

CERTIFICATE OF ANALYSIS

Product Description CALCIUM SILICATE
Product Number C134
Lot Number HAE0134007
Storage Temperature Room Temperature
Molecular Weight 116.16
Formula CaSiO₃
CAS Number 1344-95-2

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Suspension in Water @ 10 mg/mL	Passes
pH	Under Development	10.7
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder	PM-4 White Fine Powder
Solution Appearance Clarity Color	Opaque White	Opaque White
Amount of Ca (as CaO)	12-22%	17.5%

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

Biological Testing:

Testing Concentration: 100.0 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	Parrot Feather	Passes
	H38 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: 12-July-2024

Recommended Shelf-Life Date: July 2032



David Hart
Technical Director