

CERTIFICATE OF ANALYSIS

Product Description CALCIUM PHOSPHATE, TRIBASIC
Product Number C274
Lot Number 11B0274004
Storage Temperature Room Temperature
Molecular Weight 502.31
Formula $\text{Ca}_5(\text{OH})(\text{PO}_4)_3$
CAS Number 12167-74-7

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N HCl @ 100 mg/mL	Passes
Physical Appearance		
Color*	PM-1 to PM-4	PM-4 White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Ca Content	34.0 – 40.0%	38.1%

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

Biological Testing:

Test Concentration: 250 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	African Violet	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.

Date of Release: 2-January-2018

Recommended Shelf Life Date: January 2023



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