

CERTIFICATE OF ANALYSIS

Product Description CALCIUM PANTOTHENATE
Product Number C186
Lot Number 02A18602
Storage Temperature 2-6° C
Molecular Weight 476.54
Formula C₁₈H₃₂O₁₀N₂Ca
CAS Number 137-08-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Pass
pH	Under Development	7.3
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Crystalline Powder	RM-31 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Pass
Insolubles	None	Pass

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

Biological Testing:

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	Begonia	Passes
	Tobacco callus	Passes

The material described in this certificate is either synthetic or plant derived in nature. No animal 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: October 2015



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