

# CERTIFICATE OF ANALYSIS

Product Description      KNUDSON C MODIFIED PLUS ORCHID MEDIUM  
Product Number        K425  
Lot Number              12F0425011  
Storage Temperature    2-6 °C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (79.11 g/L)	4.1-5.6	4.6
Physical Appearance Color*	2121-20 to 2124-20, 2120-30, 2134-40, HC-167 or HC-169	2121-20 Dark Gray
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity Color	Opaque Suspension Gray to Black	Opaque Suspension Black
Moisture	For Information Only	4.73%

\* 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	Cattleya orchids	Passes
	Dendrobium orchids	Passes

The material described in this certificate was manufactured in the United States of America and contains synthetic and plant-derived components. No animal-derived components were used in the manufacture of this product. The plant-derived components used in this product are fruit purees spray-dried with maltodextrin at 215 °F for 15-30 seconds under high pressure.

**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: December 2016



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### **PhytoTechnology Laboratories®**

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