

# CERTIFICATE OF ANALYSIS

Product Description IRON CHELATE; SEQUESTRENE® 330;  
SODIUM FERRIC DIETHYLENETRIAMINE PENTAACETATE  
Product Number I331  
Lot Number 08K33103  
Storage Temperature Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	4.12
Physical Appearance Color*	2024-20 to 2024-40, 2152-30	2152-30 Dark Tan w/ Yellow Cast
Texture	Fine Powder	Fine Powder
Solution Appearance Clarity Color*	Clear Yellow to Yellow w/ Green Cast	Clear Yellow
Average Time to Dissolve	Within 15 min	Passes
Insolubles	None	Passes
Iron (Fe) Content	10%	Passes
Water Content	Maximum 7%	Passes

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

## Biological Testing:

Test Concentration: 37.5 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures with no morphological aberrations to plants	Boston Fern	Passes
	Syngonium	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: October 2013



Scott Stewart, Ph.D.



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### **PhytoTechnology Laboratories, LLC**

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>

Created on 25 November 2008