

# CERTIFICATE OF ANALYSIS

Product Description D-XYLOSE  
Product Number X8466  
Lot Number SUT8466001  
Storage Temperature Room Temperature  
Molecular Weight 150.13  
Formula C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
CAS Number 58-86-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH (2.41 g/L)	Under Development	5.4
Physical Appearance Color*		PM-1 Off- White
Texture	Under Development	Crystalline Powder
Solution Appearance Clarity Color	Under Development	Clear Colorless
Average Time to Dissolve	Under Development	5 mins
Insolubles	Under Development	None
Purity	Under Development	99.40%

\* 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.	African Violet	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and 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: 16-September-2016  
Recommended Shelf Life Date: September 2024



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### **PhytoTechnology Laboratories®**

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