CERTIFICATE OF ANALYSIS

Product Description	SILWET L-77
Product Number	S7777
Lot Number	14D7777001
Molecular Weight	338.66
Formula	$C_{13}H_{34}O_4Si_3$
CAS Number	27306-78-1
Storage Temperature	Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Dispersable in Water	Passes
pH (1mL/L)	Under Development	4.0
Physical Appearance Color* Texture	 Slight Yellow Tint Clear Liquid	 Slight Yellow Tint Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes

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

Biological Testing:

Test Concentration: 1.0 mL/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	Tobacco callus	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

***Phyto*Technology 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. *Phyto*Technology 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: April 2022

Gary Seckinger, Ph.D.

P*hyto*Technology Laboratories®
Dedicated to Growth

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