

## Certificate of Analysis

**Product Name: GLYCOMAXX® GC5545** [Glycolide/Caprolactone 55/45 Copolymer]

**Product Lot Number:** BB0306-184D

**Catalog #** 2154

**Linear Formula:**  $(C_6H_{10}O_2-C_4H_4O_4)_n$

**Storage Temperature:** Around -20°C

**Quality Release Date:** September 23, 2016

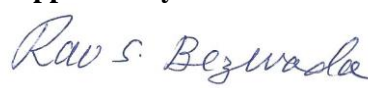
TEST	SPECIFICATION	RESULT
Appearance (Color)	Very dark orange/ tan	Very dark orange
Appearance (Form)	Chunks	Chunks
Inherent Viscosity (IV) (0.1% in HFIP at 30°C)	1.0 -1.8 dL/g	1.51 dL/g
Residual Monomer by NMR	Max. 1.0 mole % GA Max. 1.0 mole % Caprolactone	Not detected Not detected
Polymer Composition by NMR	PGA 52 to 58 (Mole %) PCL 42 to 48 (Mole %)	54.7% 45.3%
Thermal Analysis (DSC)	<b>Melting Point:</b> Amorphous <b>Glass Transition Temperature:</b> (-12) to (-22) °C	Amorphous Tg -18.2 °C

**Prepared by:**



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Manager, R&D Quality Assurance

**Approved by:**



**Rao S. Bezwada, Ph.D.**  
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