

## Certificate of Analysis

**Product Name:** LACTOMAXX® DLG550 [D, L-Lactide/ Glycolide 50/50 Copolymer]

**Product Lot Number:** BB0306-242D

**Catalog #** 4255

**Linear Formula:** (C<sub>6</sub>H<sub>8</sub>O<sub>4</sub>-C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>)<sub>n</sub>

**Storage Temperature:** Around -20°C

**Quality Release Date:** June 12, 2017

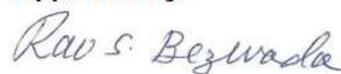
TEST	SPECIFICATION	RESULT
Appearance (Color)	Off white to light yellow	Light Yellow
Appearance (Form)	Chips	Chips
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	0.50 to 0.75 dL/g	0.55 dL/g
Residual Monomer by NMR	Max. 2.0 mole % D, L-Lactide Max. 2.0 mole % Glycolide	0.67% 0.07%
Polymer Composition by NMR	PDLA 53-57 (Mole %) PGA 53-57 (Mole %)	49.97 % 50.03 %
Thermal Analysis (DSC)	<b>Melting Point:</b> Amorphous <b>Glass Transition Temperature</b> (T <sub>g</sub> ): 40 to 50°C	No melting T <sub>g</sub> 42.51°C

**Prepared by:**



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**Approved by:**



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