

Certificate of Analysis

Product Name: LACTOMAXX® DLG7525

[D,L-Lactide/ Glycolide 75/25 Copolymer]

Product Lot Number: BB0306-243D

Catalog # 4272

Linear Formula: (C₆H₈O₄-C₄H₄O₄)_n

Storage Temperature: Around -20°C

Quality Release Date: June 19, 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)	0.71-1.0 dL/g	0.91 dL/g
Residual Monomer by NMR	Max. 2.0 mole % D, L-Lactide	0.72%
	Max. 2.0 mole % Glycolide	0.05%
Polymer Composition by NMR	PDLA 73 to 77 (Mole %)	75.2 %
	PGA 23 to 27 (Mole %)	24.8 %
Thermal Analysis (DSC)	Melting Point: Amorphous	No melting
	Glass Transition Temperature (T_g): 45 to 55°C	T _g 47.6°C

Prepared by:



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