

Certificate of Analysis

Product Name: LACTOMAXX® 100 [POLY (L-LACTIDE)]

Catalog # 3100

Product Lot Number: BB0306-94D

Linear Formula (C₄H₈O₄)_n


Storage Temperature: Around -20°C

Manufacturing Date: August 26, 2015

Quality Release Date: January 5, 2017

TEST	SPECIFICATION	RESULT
Appearance (Color)	Off white to light yellow	Off white
Appearance (Form)	Chips	chips
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	1.0 to 2.0 dL/g	1.93 dL/g
Residual Monomer by NMR	Max. 2.0 mole % Lactide	0.61%
Polymer Composition by NMR	PLA 98-100 (Mole %)	99.39 %
Thermal Analysis (DSC)	Melting Point : 170 to 180°C Glass Transition Temperature (T _g) 50 to 65°C	Mp 177.8 °C Tg 57.1°C

Prepared by:



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