

Certificate of Analysis

Product Name: LACTOMAXX® 100 [L-Lactide/TMC 60/40 Copolymer]

Catalog # 3564

Product Lot Number: BB0303-220D

Linear Formula (C₆H₈O₄-C₄H₆O₃)_n

Storage Temperature: Around -20°C

Quality Release Date: September 14, 2016

TEST	SPECIFICATION	RESULT
Appearance (Color)	Off white to light yellow	Light yellow
Appearance (Form)	Amorphous chips	Amorphous chips
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	0.5 to 1.0 dL/g	0.88 dL/g
Residual Monomer by NMR	Max. 2.0 mole % LA Max. 2.0 mole % TMC	Not detected 1.9 %
Polymer Composition by NMR	PLA 60 - 65 (Mole %) PTMC 35 - 40 (Mole %)	62.7 % 37.3%
Thermal Analysis (DSC)	Melting Point : Amorphous Glass Transition Temperature (Tg) 28 to 38°C	No melting Tg 32.6°C

Prepared by:



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Approved by:



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