

Certificate of Analysis

Product Name: DIOXOMAXX ® PL 955 [PDS/L-Lactide 95/5 Copolymer]

Catalog # 63955

Product Lot Number: BB0306-271D

Linear Formula: (C₄H₆O₃-C₄H₈O₄)_n

Storage Temperature: Around -20°C, product is light sensitive

Quality Release Date: December 18, 2017

TEST	SPECIFICATION	RESULT
Appearance	White to off white chips	White chips
Proton NMR Spectrum	Conforms to Structure	Conforms
Viscosity (0.1% in HFIP, 30°C)	Inherent viscosity: 1.5 to 2.5 dL/g	1.86 dL/g
Residual Monomer by NMR	Max. 1.0 mole % PDO Max. 1.0 mole % L-Lactide	Not detected Not detected
Polymer Composition by NMR	PDS 93 to 97 (Mole %) PLA 7 to 3 (Mole %)	94.20 % 5.80 %

Prepared by:

Neeti Srivastava

Neeti Srivastava, Ph.D.
Manager, R&D Quality Assurance

Approved by:

Rao S. Bezwada

Rao S. Bezwada, Ph.D.
President