

Certificate of Analysis

Product Name: Glycolide/caprolactone 55/45 Copolymer

Catalog # 2154

Product Lot Number: BB0306-184D

Linear Formula: $(C_6H_{10}O_2-C_4H_4O_4)_n$

Storage Temperature: Around -20°C

Manufactured Date: August 5, 2016

Quality Release Date: September 23, 2016

TEST	SPECIFICATION	RESULT
Appearance (Color)	Light yellow to tan	Tan
Appearance (Form)	Chunks	Chunks
Inherent Viscosity (IV) (0.1% in HFIP at 30°C)	1.0 -1.8 dL/g	1.51 dL/g
Residual Monomer by NMR	Max. 1.0 mole % GA Max. 1.0 mole % Caprolactone	Not detected Not detected
Polymer Composition by NMR	PGA 52 to 58 (Mole %) PCL 42 to 48 (Mole %)	54.7% 45.3%
Thermal Analysis (DSC)	Melting Point: Amorphous Glass Transition Temperature: (-12) to (-22) °C	Amorphous Tg -18.2 °C

Prepared by:



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