

Certificate of Analysis

Product Name: DIOXOMAXX ® PGL9055 [PDS/glycolide/L-lactide 90/5/5 Copolymer]

Product Lot Number: BB0306-203D

Catalog # 623955

Linear Formula : $(C_4H_6O_3 - C_4H_4O_4 - C_6H_8O_4)_n$

Storage Temperature: Around -20°C

Quality Release Date: January 19, 2017

| TEST | SPECIFICATION | RESULT |
|---|---|--|
| Appearance (Color) | White to Off white | White |
| Appearance (Form) | Chips | Chips |
| Inherent Viscosity (IV) (0.1% in HFIP at 30°C) | 1.5-2.5 dL/g | 2.2 dL/g |
| Residual Monomer by NMR | Max. 2.0 mole % PDO Max.2.0 mole % Glycolide Max.2.0 mole % Lactide | Not detected Not detected Not detected |
| Polymer Composition by NMR | PDS 90 to 94 (Mole %) PGA 4 to 6 (Mole %) PLA 2 to 4 (Mole %) | 92.6 % 4.7% 2.7% |
| Thermal Analysis (DSC) | Melting Point: 95 to 105°C Glass Transition Temperature: (-15) to (-5)°C | Tm 100.7°C Tg -7.5°C |

Prepared by:



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