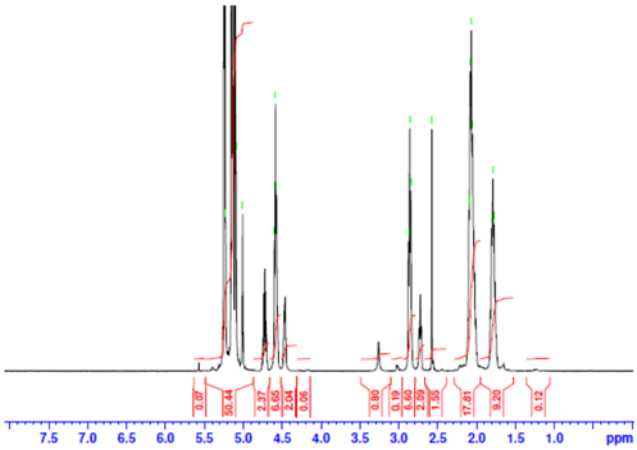
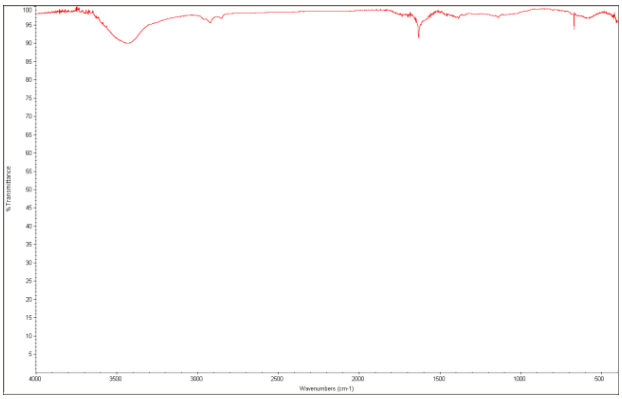
No. APB007 Certificate of Analysis

Product Name: Poly(glycolide-co-caprolactone) (CL:GA 45:55, I.V. 1.0-1.8 dL/g) (Glycomaxx GC 5545) (Lot# BB0303-64D)



H-NMR Spectrum of polymer in Dueterated HFIP (Varian Inova 500 MHz instrument)

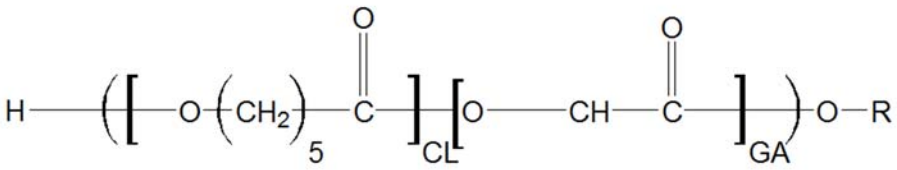


FTIR Analysis: Collected from KBR pellet placed in Nicolette Protégé 460 and analyzed in transmission mode.

Manufacturer provided Data

Test	Specification	Result
Appearance (Color)	Light yellow to tan	Tan
Appearance (Form)	Chips	Chips
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	1.0-1.8 dL/g	1.41 dL/g
Thermal Analysis (DSC)	Melting Point: 90 to 110°C Glass Transition Temperature: -15 to -5°C	Tm 108°C Tg -13°C

- **Structure of polymer**



Material provided for research use only. Not for human use.