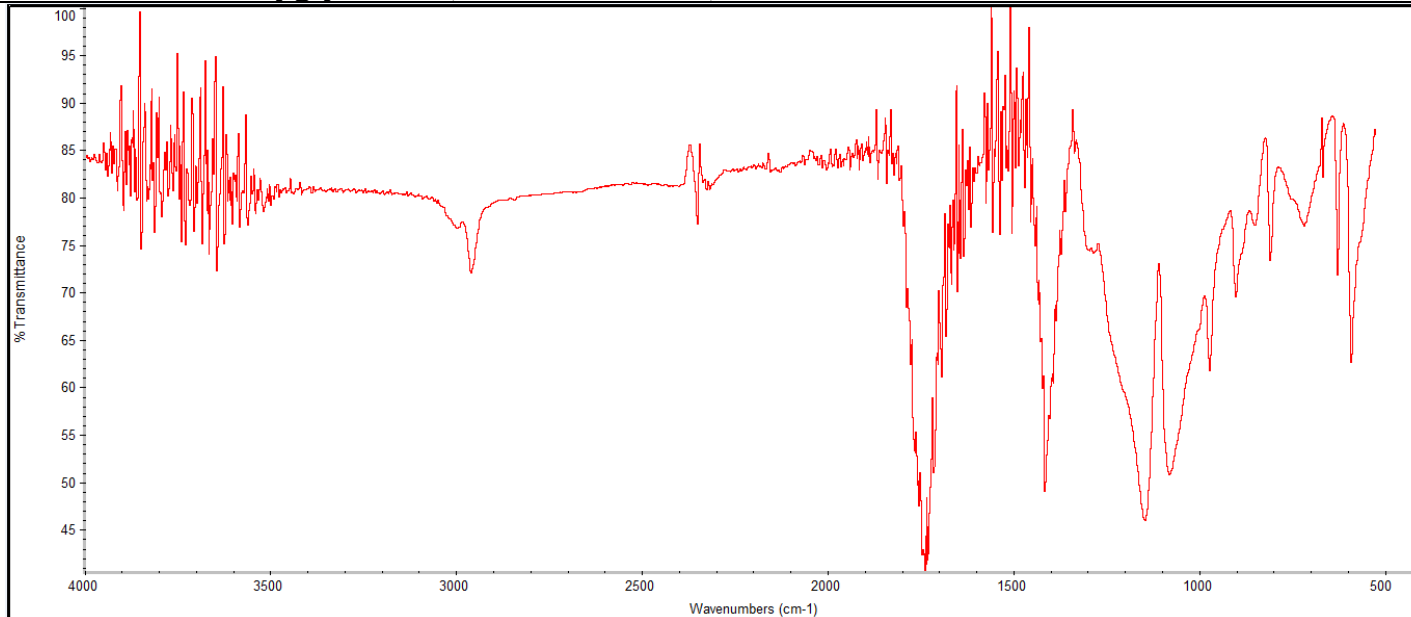


# No. AP110

# Certificate of Analysis



Product Name: Polyglycolide (Mw ~ 50,000 Da) (Lot#: 200713RAI-B)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.

- Inherent Viscosity IV (g/dL)** Polymer heated to 300°C for 5 min under argon to melt and then poured onto dry ice to quench. Polymer then dissolved in hexafluoroisopropanol (~ 2 g/dL) and viscosity tested using Rheosense MicroVisc at 25C in triplicate. Viscosity compared to literature reported values for pure HFIP at 30C to obtain inherent viscosity. Value shown +/- standard deviation (N =3).

| Polymer | Inherent viscosity (g/dL) (HFIP, 25C) |
|---------|---------------------------------------|
| PGA     | 0.615 ± 0.004                         |

- Structure of PLGA copolymers**

