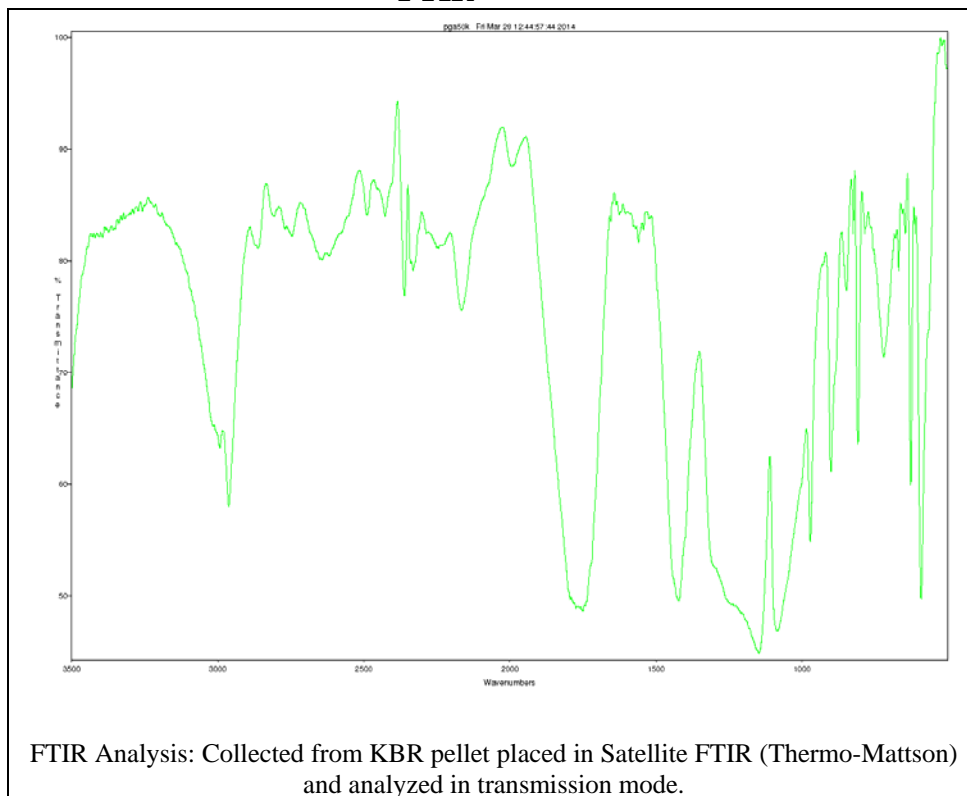


# No. AP110 Certificate of Analysis

Product Name: Polyglycolide ester endcap (Mw: 50,000Da ) (Lot#: 40325SMS-B)

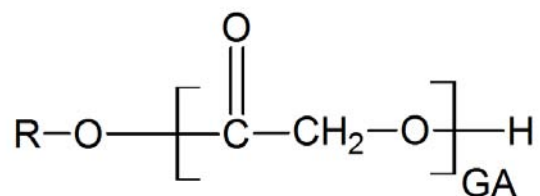
## FTIR



- **Inherent Viscosity IV (g/dL)** Polymer heated to 300°C for 5 min under argon and quenched to -55°C to eliminate crystallinity. Polymer then dissolved in hexafluoroisopropanol and viscosity tested using a Cannon mini-viscometer (C286) in a 30C water bath. Average of 2 times taken and viscosity compared to literature reported values for pure HFIP at 30C to obtain inherent viscosity. Value shown +/- standard deviation.

| Polymer | Inherent viscosity (g/dL) |
|---------|---------------------------|
| PGA     | 0.30 ± 0.01               |

- **Structure of PGA polymers**



Note: Material provided is in original crystalline form. Must be melted and rapidly quenched in order to achieve solubility.