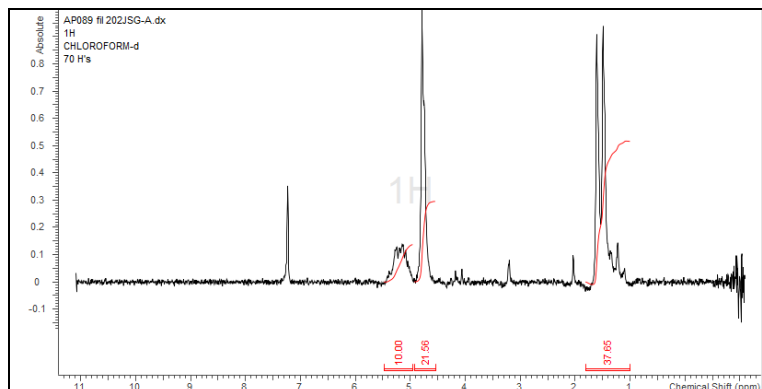


No. AF005

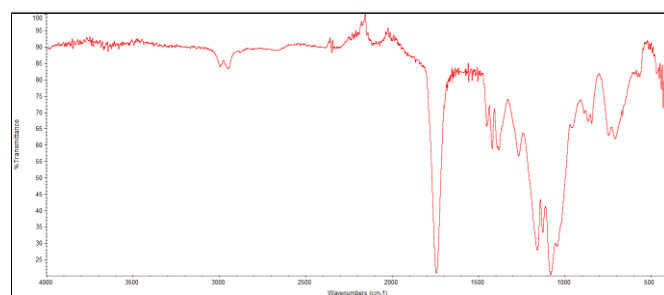
Certificate of Analysis



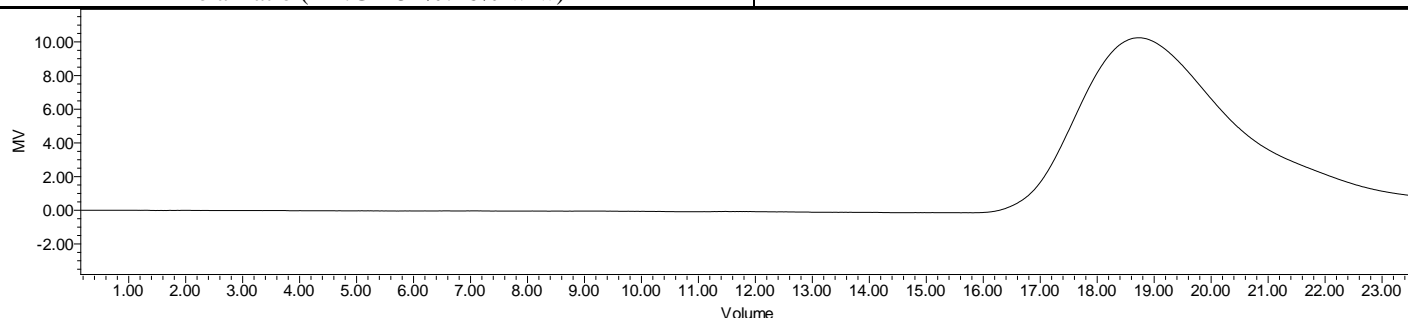
Product Name: Poly (lactide-co-glycolide) acid endcap (50:50 LA:GA)
Filament + 6% Acetyltriethylcitrate (Lot#: 230202JSG-A) (2.7 mm x 1 M)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 48%:52% molar ratio (LA:GA 54%:46% w-w)



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



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	59,088	72,229	1.22

Filament Properties

- **Nominal Diameter:** 2.8 mm
- **Extruded Temperature:** 110 – 120 °C
- **Color:** brown