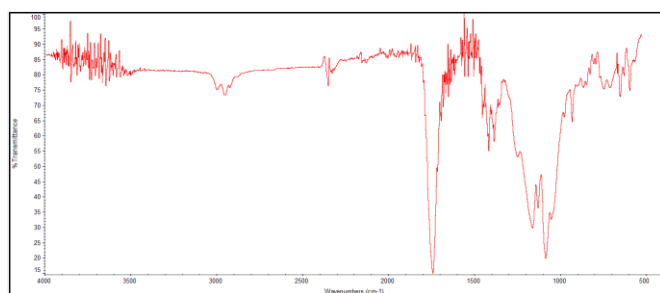
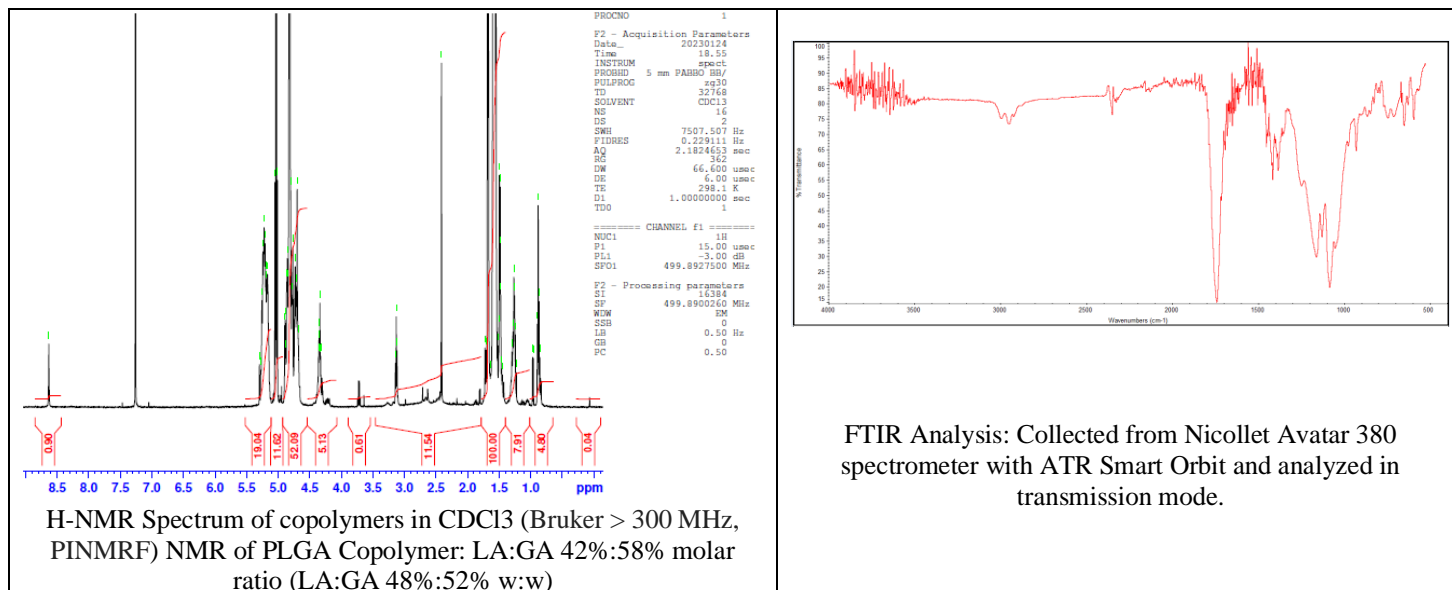


# No. AC005

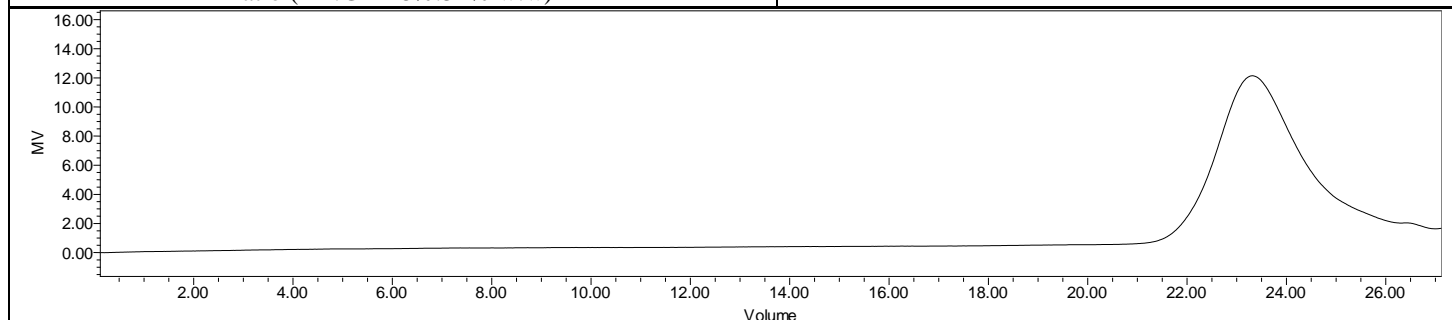
# Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-Thiamine endcap  
(LA:GA 50:50) (Mn: 1000-5000 Da) (Lot #230112BRD-B)



FTIR Analysis: Collected from Nicolet Avator 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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-thiamine	2488	2761	1.11

## Structure of PLGA-Thiamine

