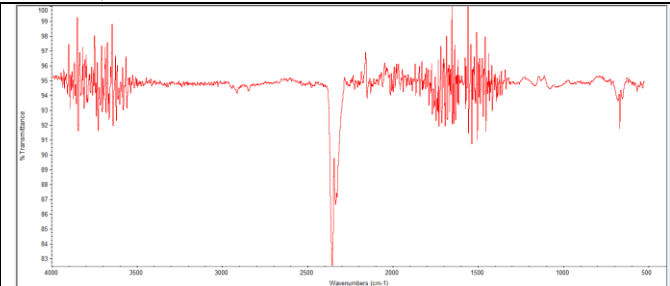
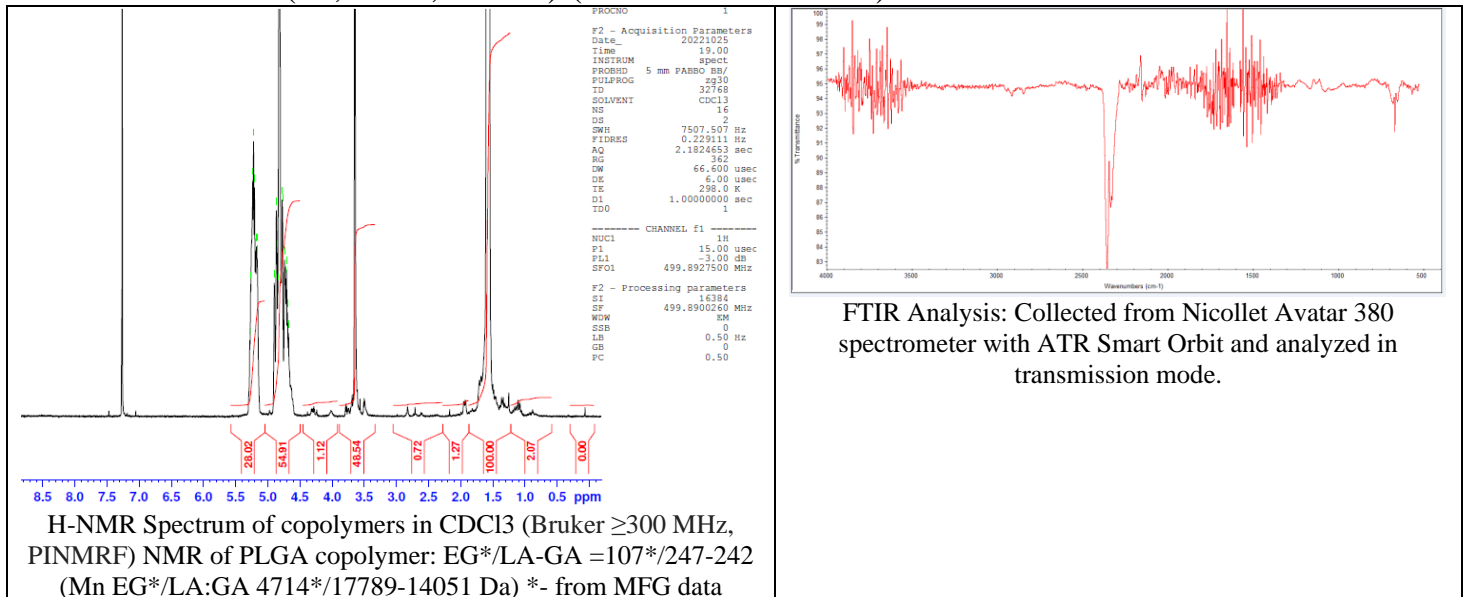


# No. AI248

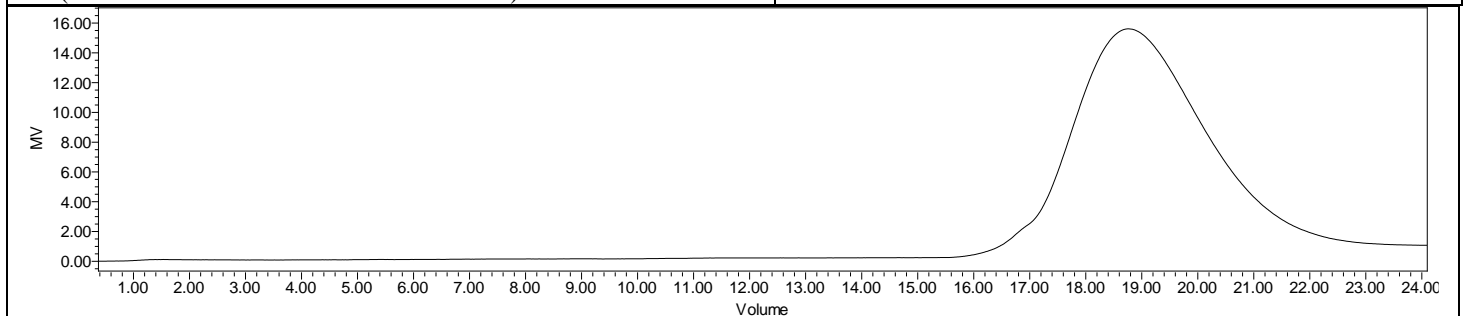
# Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-Acetyl-Neuraminicamide (30,000-5,000 Da) (Lot #221012RAI-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-PEG	38,186	60,492	1.58
PEG-Precursor*		4700*	

\*- from MFG data

## • Structure of PLGA-PEG-Acetylneuraminicamide

