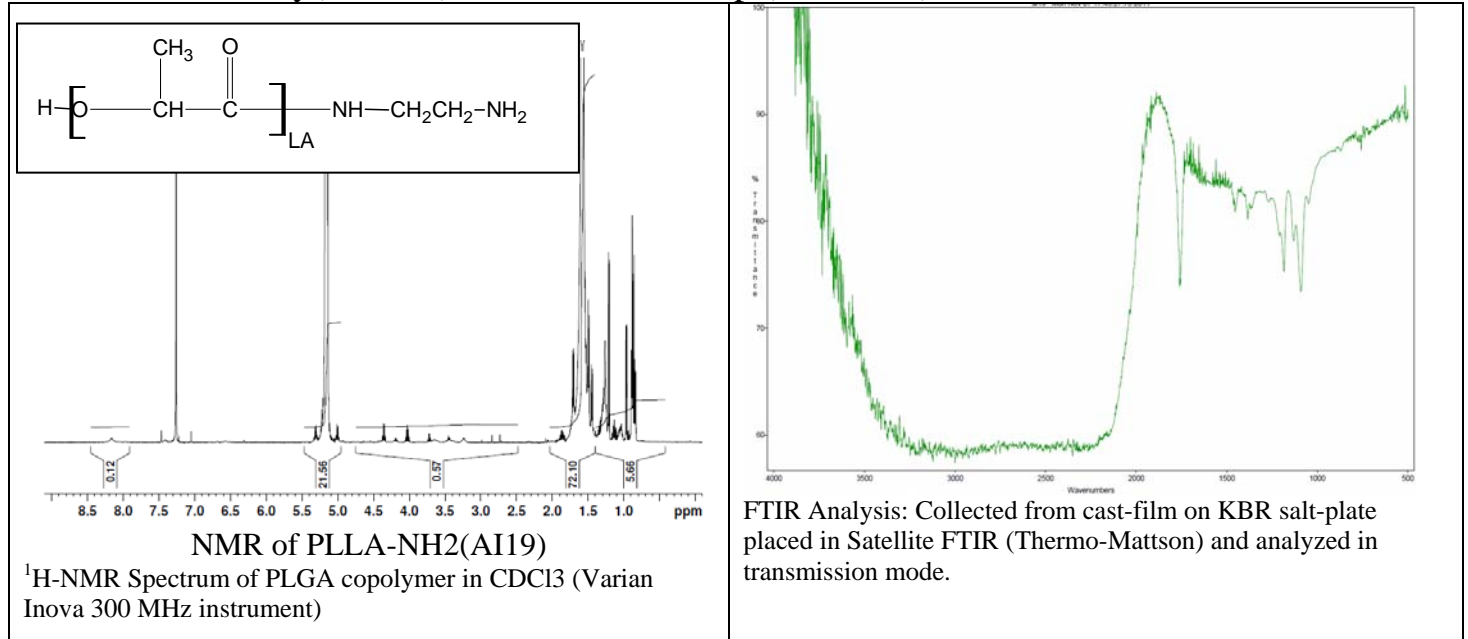
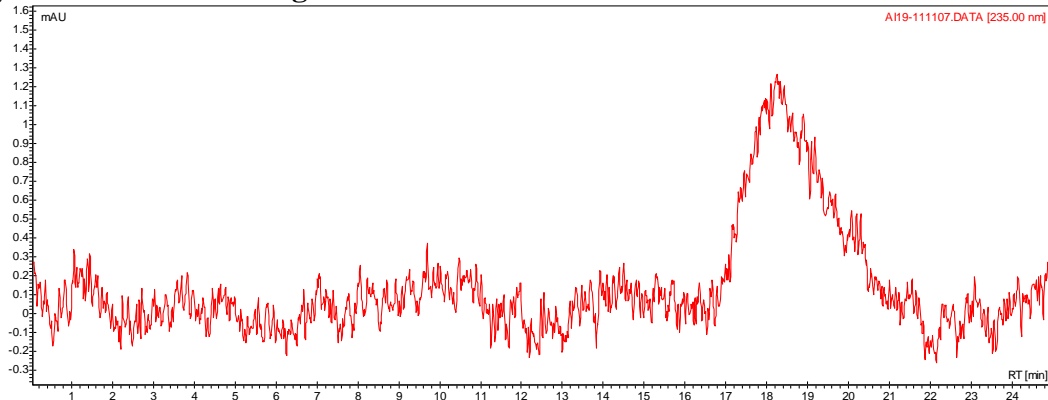


No. AI19 Certificate of Analysis

Product Name: Poly(L-lactic) acid-Amine endcap (40,000Da)-DA



- GPC analysis for molecular weight**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

| Polymer | Mn (from GPC) | Mw (from GPC) | PDI |
|--------------|---------------|---------------|------|
| PLLA-40k-NH2 | 35585 | 49716 | 1.40 |