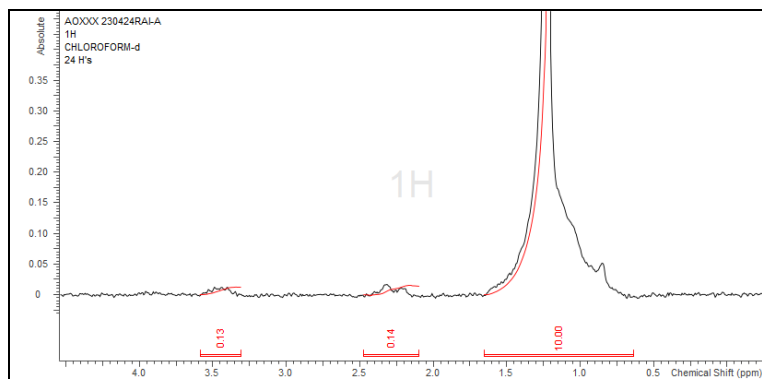


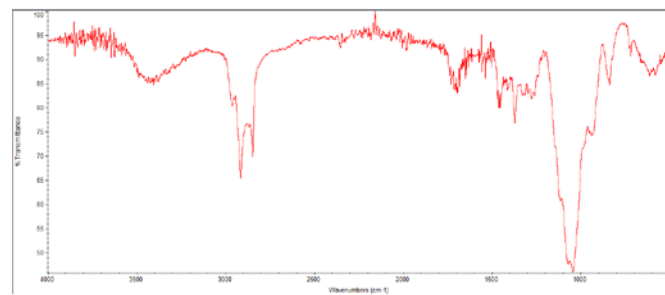
No. AO066

Certificate of Analysis

Product Name: Stearate-Hydroxypropyl Cellulose (Lot # 230424RAI-A)

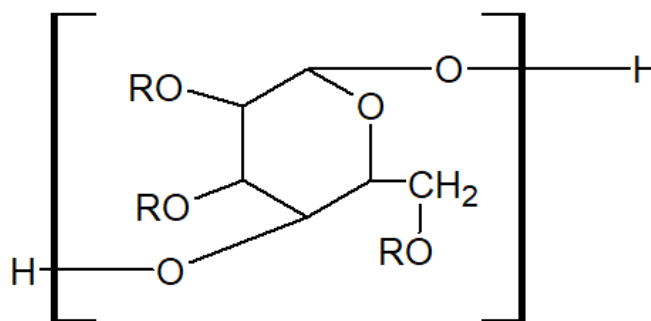


H-NMR Spectrum of copolymers in CDCl₃ (Bruker ≥300 MHz, PINMRF) NMR of PLGA copolymer



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in IS5 ID7-ATR spectrometer (ThermoFisher) and analyzed in transmission mode.

- Structure of Stearate-Hydroxypropyl Cellulose**



R = -H, -CH₂CH(OH)CH₃, -CO(CH₂)₁₇(CH₃), or -CH₂CH(OCO(CH₂)₁₇(CH₃))CH₃

Approved By:
Amie Tyler
Quality Manager