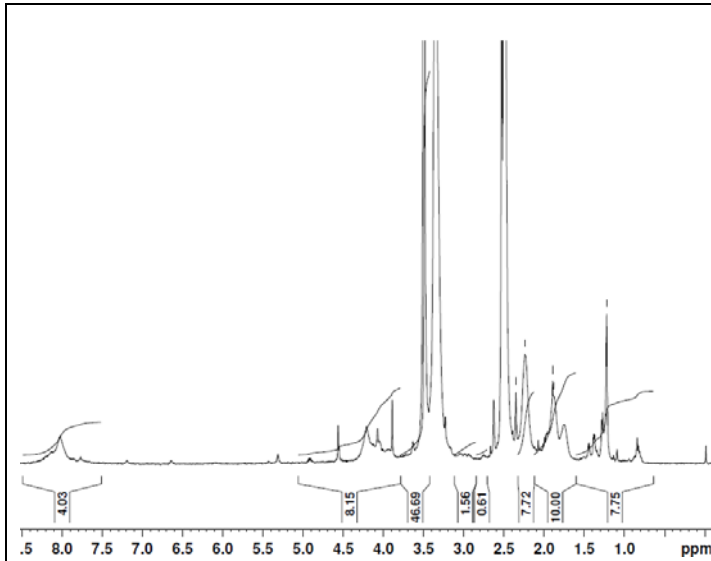


# No. AO38

# Certificate of Analysis

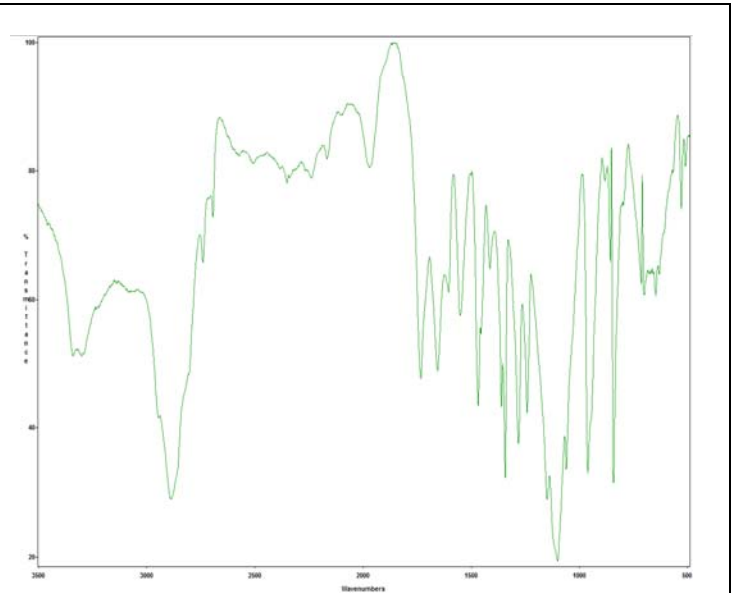
Product Name: Methoxy Poly(ethylene glycol)-Poly(glutamic acid) (free acid) copolymers (10,000-4550Da) (Lot #31209JSG-A)

## H-NMR



H-NMR Spectrum of mPEG-PGA copolymers in DMSO-d6 (Varian Inova 300 MHz instrument)

## FTIR



FTIR Analysis: Collected from KBR pellet placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

- Block Molecular weight of mPEG-PGUA copolymers

Polymer	Data
mPEG-NHS*	Mn (GFC) – 9800Da
Amine-PGUA*	Mn (NMR)-5100Da, DPn (NMR)-38, PDI (GPC) – 1.01

\* - data provided by MFG.

- Structure of mPEG-PGUA copolymers

