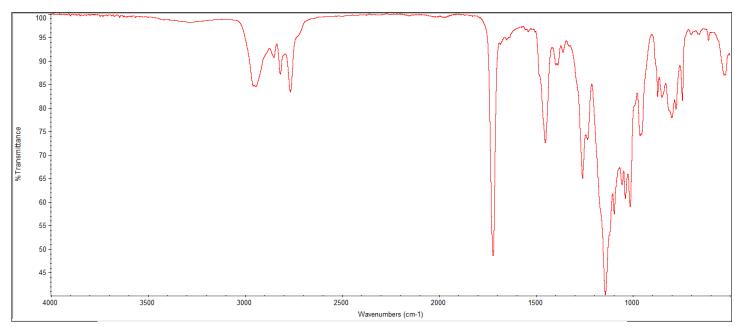


Certificate of Analysis



Product Name: Poly(Dimethylamino)ethyl methacrylate-co-ethylene glycol dimethacrylate (Lot#: 240925RAI-A)

FTIR



FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.

Structure of copolymers

$$\begin{array}{c} H_{3}C \\ H \longrightarrow (CH_{2} - C \longrightarrow (CH_{2} - C \longrightarrow (CH_{2} - C \longrightarrow (CH_{2})_{2} \longrightarrow (CH_{2})_{2} \longrightarrow (CH_{2})_{2} \longrightarrow (CH_{2} - C \longrightarrow (CH_{2})_{2} \longrightarrow (CH_{2} - C \longrightarrow (CH_{2$$

Approved By: *Amie Tyler* Quality Manager