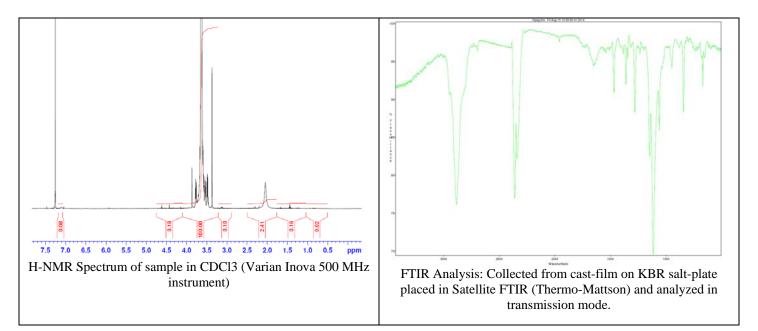
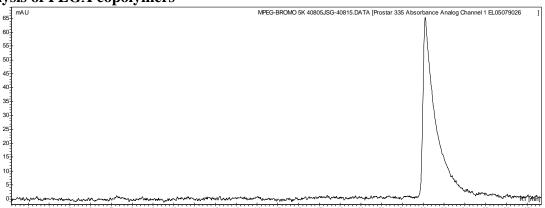
No. AE14

Certificate of Analysis

Product Name: Methoxy-Poly(ethylene glycol)-Bromoacetamide (Mw ~5000Da) (Lot# 40805JSG)



• GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5µm columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-bromoacetamide	5124	5913	1.15

• Structure of PLGA copolymers

$$\begin{array}{c} O \\ H_3C - \begin{array}{c} -CH_2CH_2O - \\ - \end{array} \\ CH_2 - CH_2 - NH - \begin{array}{c} O \\ - \\ - \end{array} \\ C-CH_2 - Br \end{array}$$