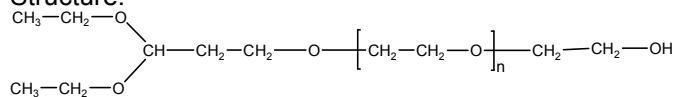


Sample Name:

**$\alpha$ - Diethyl acetal propionaldehyde Terminated  
Terminated Poly(ethylene glycol)**

Sample #: **P10141-EGacetalOH**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
3.6	1.10
Acetal Functionality by HNMR	> 98 %

**Synthesis Procedure:**

**Characterization:**

Polymer was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI). The polymer obtained at each step and the final block copolymer composition was calculated from <sup>1</sup>H-NMR spectroscopy.

**NMR of  $\alpha$ -acetal- $\omega$ -OH terminated PEG:**

