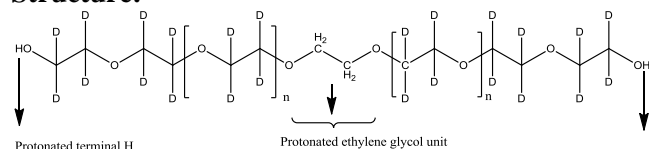


Sample Name: Deuterated Poly (ethylene glycol) Dihydroxy Terminated

Sample #: P40890-dPEO2OH

Structure:



Composition:

Mn x 10 ³	PDI
1.0	1.09

Synthesis Procedure:

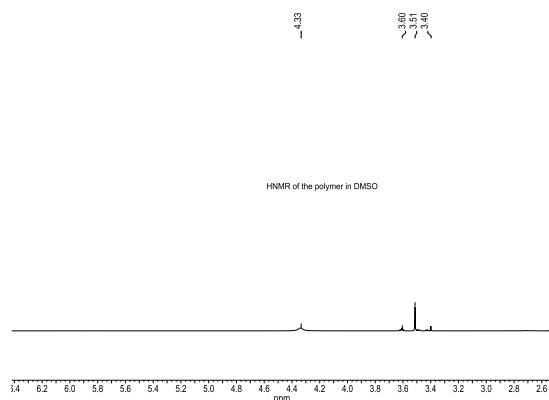
Deuterated Poly (ethylene glycol) dihydroxy terminated is obtained by living anionic polymerization process.

Characterization:

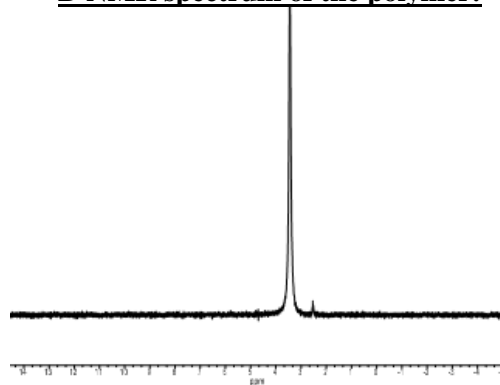
The product was characterized by size exclusion chromatography (SEC) , elemental analysis and ¹H- DNMR.

Potassium analysis was done by GLI Procedure ME-70 Galbraith K<24 ppm

¹HNMR spectrum of the Polymer:

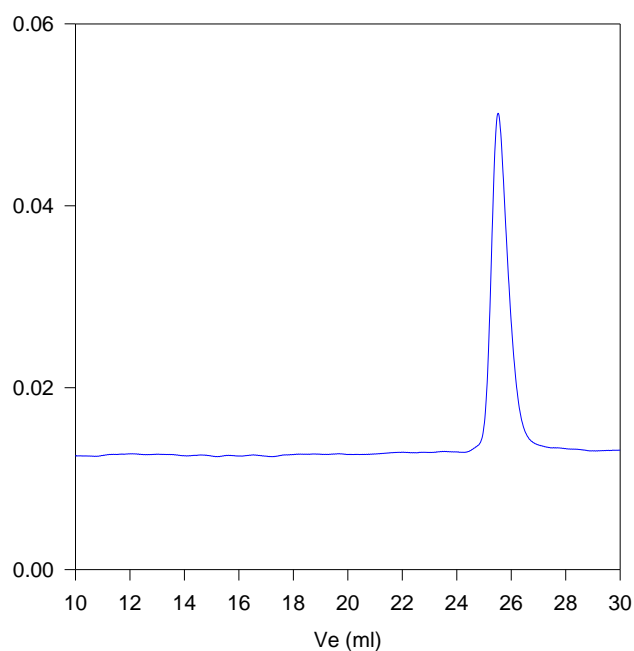


D NMR spectrum of the polymer:



SEC elugram of Sample:

P40890-dPEO 2OH



Size Exclusion Chromatography of polymer:

M_n = 1,000, M_w = 1,100, M_w/M_n = 1.09