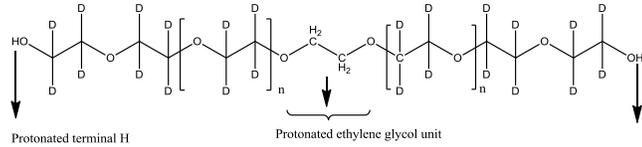


Sample Name: Deuterated Poly (ethylene glycol) Dihydroxy Terminated

Sample #: P40890-dPEO2OH

Structure:



Composition:

| | |
|-------------------|------|
| $M_n \times 10^3$ | PDI |
| 1.0 | 1.09 |

Synthesis Procedure:

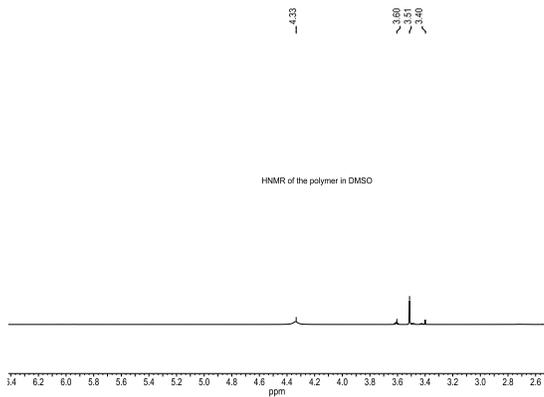
Deuterated Poly (ethylene glycol) dihydroxy terminated is obtained by living anionic polymerization process.

Characterization:

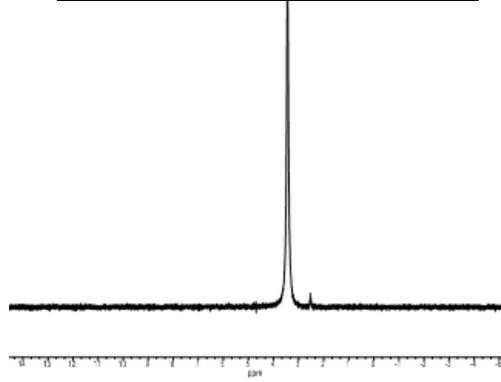
The product was characterized by size exclusion chromatography (SEC), elemental analysis and ^1H -DNMR.

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

^1H NMR spectrum of the Polymer:

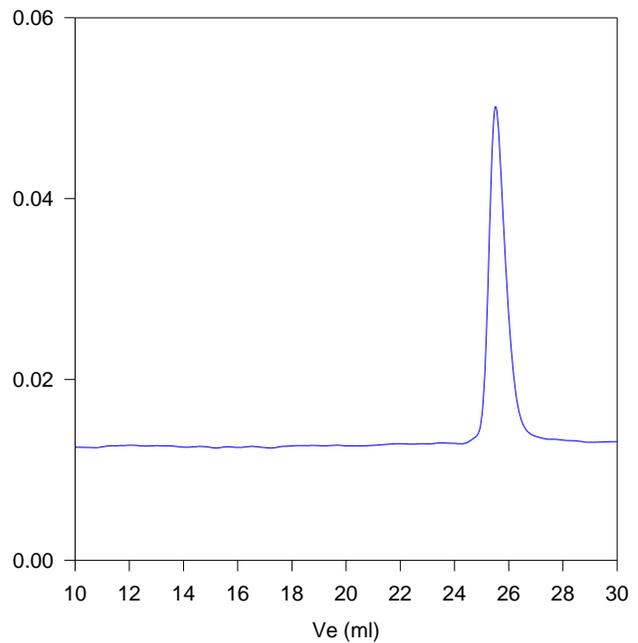


D NMR spectrum of the polymer:



SEC elugram of Sample:

P40890-dPEO 2OH



Size Exclusion Chromatography of polymer:

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