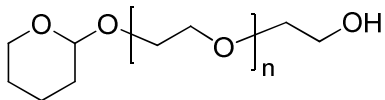


Sample Name:

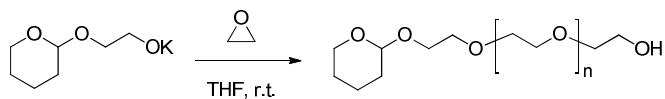
Poly(ethylene glycol), (α -tetrahydropyranyl, ω -hydroxy)-terminated

Sample #: P40304-EGTHPOH**Structure:****Composition:**

$M_n \times 10^3$ (g/mol)	M_w/M_n
5.5	1.16

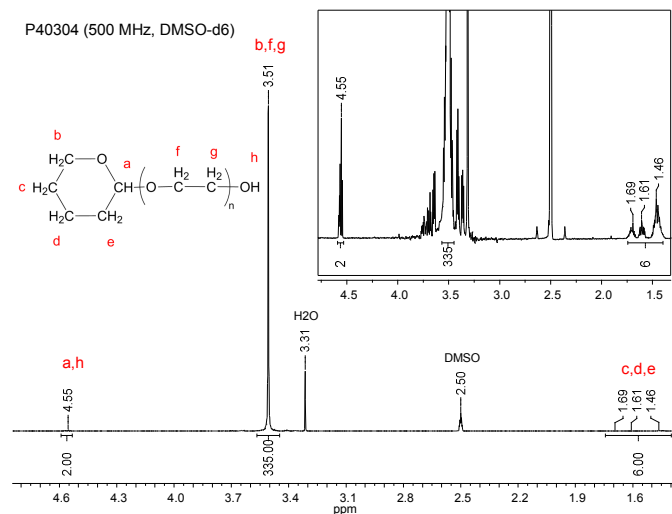
Synthesis Procedure:

The polymer was synthesized according to scheme presented below:

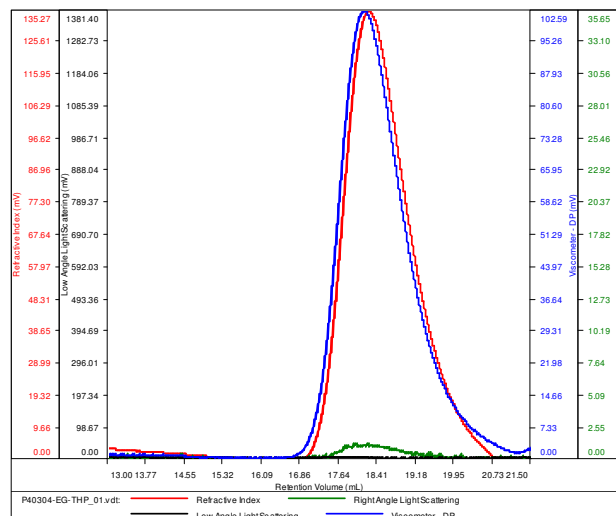
**Characterization:**

The purity and structure of the polymer was checked by ^1H NMR spectroscopy.

The average molecular weight and polydispersity index (M_w/M_n) were determined by size exclusion chromatography (SEC) with triple detection, using DMF as an eluent.

 ^1H NMR spectrum of functionalized PEG in DMSO-d_6 :**SEC elugram of functionalized PEG:****P40304-EG-THP**

Conc (mg/mL)	35.4753
dn/dc (mL/g)	0.0350
Method	PS80k_December-2016-0004.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40304-EG-THP_01.vdt	5,517	6,406	4,940	1,161	0,0486