

Sample Name:

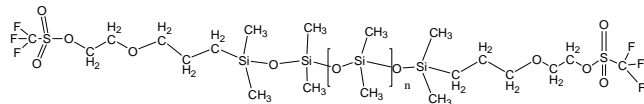
Trifluoromethanesulfonic acid end functionalized

Poly(dimethylsiloxane)- Propyl ethoxy linker

Sample #:

**P19033A-DMS2CF3**

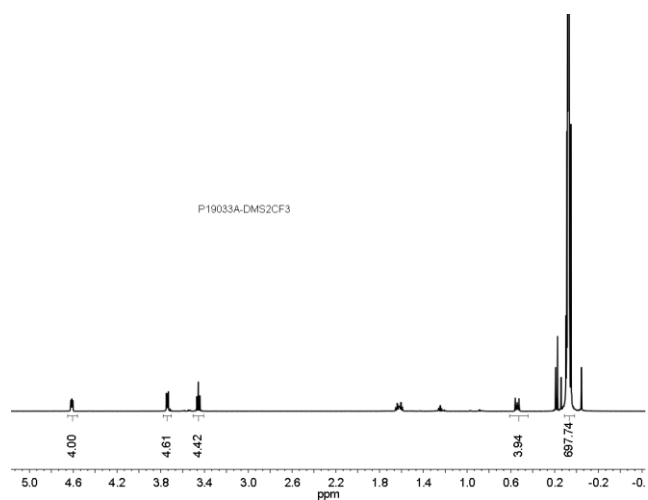
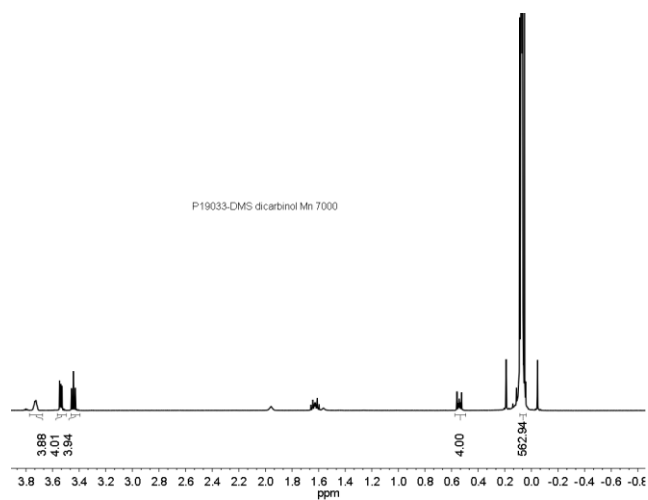
**Structure:**



**Composition:**

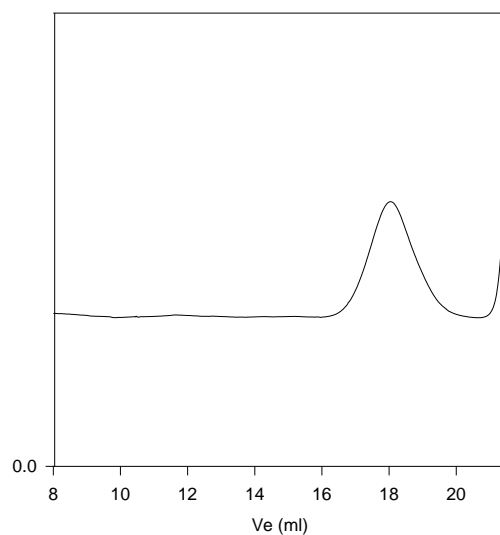
Mn x 10 <sup>3</sup> DMS	PDI
8.0	1.4

**<sup>1</sup>H NMR Dicarbinol terminated PDMS:**



**SEC:**

**P19033-DMS2OH (Propyl ethoxy linker)**



Size exclusion chromatography of dicarbinol terminated polydimethylsiloxane

— Polydimethylsiloxane  $M_n=8,000$ ,  $M_w=11,500$ ,  $PI=1.45$