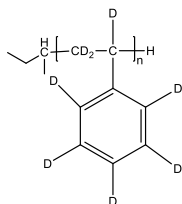


**Sample Name: Deuterated Polystyrene-d<sub>8</sub>**

**Sample #: P42498-dPS**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	0.5
Mw x 10 <sup>3</sup>	0.55
PDI	1.12

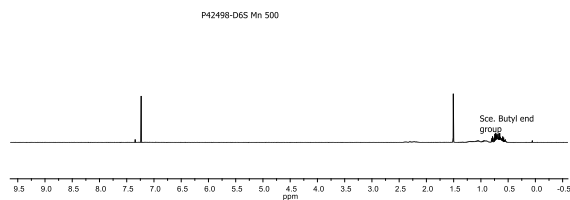
**Synthesis Procedure:**

Deuterated polystyrene-d<sub>8</sub> is obtained by anionic living polymerization of styrene-d<sub>8</sub> using protonated sec.BuLi initiator.

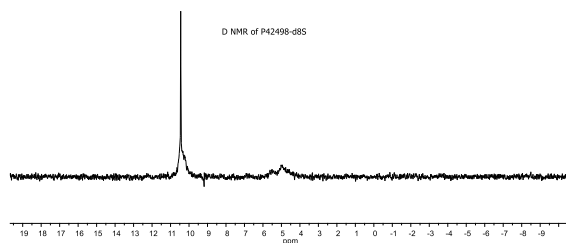
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

**<sup>1</sup>H-NMR spectrum of the polymer in CdCl<sub>3</sub>:**



**<sup>1</sup>H-NMR spectrum of the polymer in CHCl<sub>3</sub>:**



**SEC elugram of deuterated polystyrene:**

