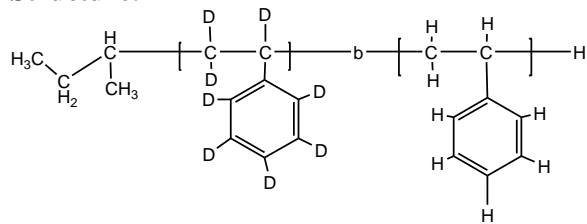


Sample Name: **Deuterated Polystyrene (d₈)-b-Polystyrene (protonated)**

Sample #: **P2005-dPSS**

Structure:



Composition:

| Mn x 10 ³ | PDI |
|----------------------|------|
| 120.0-b-145.0 | 1.14 |

Synthesis Procedure:

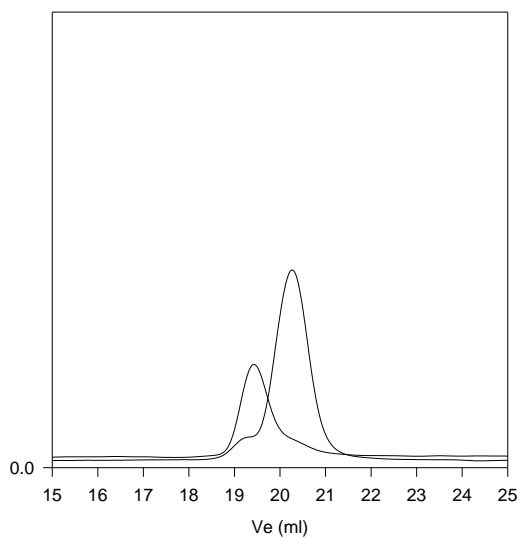
The polymer was synthesized by anionic polymerization Process by successive addition of monomer.

Characterization:

The product was characterized by size exclusion chromatography (SEC).

SEC profile of the polymer:

P2005-dPSS



Size exclusion chromatography of deuterated polystyrene-b-Styrene

— Deuterated (d₈)polystyrene, M_n=120,000, M_w=134,500, PI=1.12

— Block Copolymer dPS(120,000)-b-St(145,000), PI=1.14