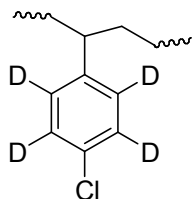


**Sample Name:** Deuterated (d7) Poly(4-Chloro styrene)

**Sample #:** P14061-d7P4ClS



**Composition:**

$M_n \times 10^3$	PDI
12.0	1.10
$T_g$ (°C)	114

**Synthesis Procedure:**

The polymer is synthesized by radical process.

**Characterization:**

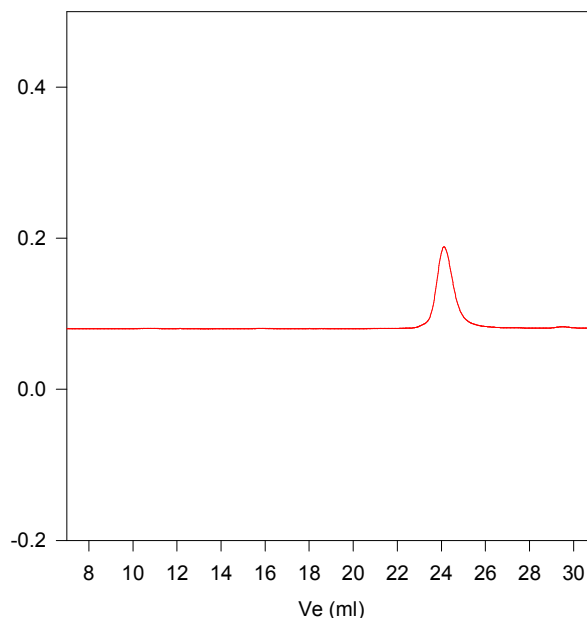
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

**Thermal analysis**

Thermal analysis of the samples was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 10°C/min. The midpoint of the slope change of the heat flow plot of the second heating scan was considered as the glass transition temperature ( $T_g$ ).

**SEC of Sample:**

**P14061-Deuterated (d7)-4ClS**



Size exclusion chromatograph of deuterated-(d7) poly 4-Bromostyrene :

$M_n=12000$ ,  $M_w=13000$  PI=1.10

**DSC thermogram for the polymer:**

