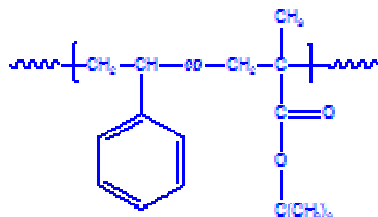


Sample Name:

**Random Copolymer Poly(styrene-co-t-butyl methacrylate)**

Sample #: **P14772E-StBuMAran**

**Structure:**



**Composition:**

PS (mol%) : 97

Mn x 10 <sup>3</sup>	PDI
PS-co-PtBuMA	
104.0	1.7

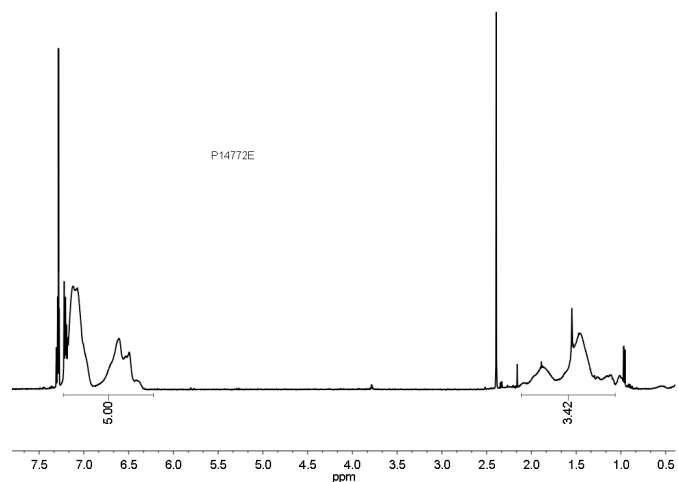
**Synthesis Procedure:**

Random Copolymer poly(styrene-co-t-butyl methacrylate) is prepared by radical polymerization of styrene and t-butyl methacrylate.

**Characterization:**

By size exclusion chromatography (SEC) and by <sup>1</sup>H-NMR spectroscopy .

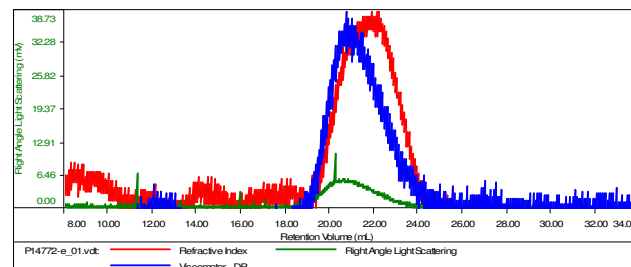
**<sup>1</sup>H-NMR Spectrum of the random copolymer:**



**SEC of the random copolymer:**

**Sample ID: P14772E-StBuMAran**

Concentration (mg/mL)	0.0289
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-July11-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P14772-e_01.vcl	104,420	173,906	113,509	1.665	3.7856

