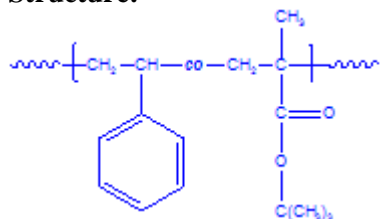


Sample Name: Random Copolymer Poly(styrene-co-t-butyl methacrylate)

Sample #: P16317-StBuMAran

Structure:



Composition:

PS (mol%) : 54

$M_n \times 10^3$ PS-co-PtBuMA	PDI
24.5	1.10

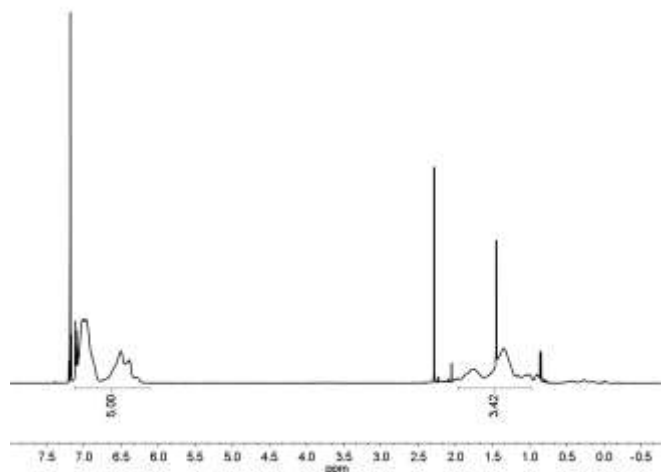
Synthesis Procedure:

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

Characterization:

The product was characterized by size exclusion chromatography (SEC) and ^1H -NMR spectroscopy.

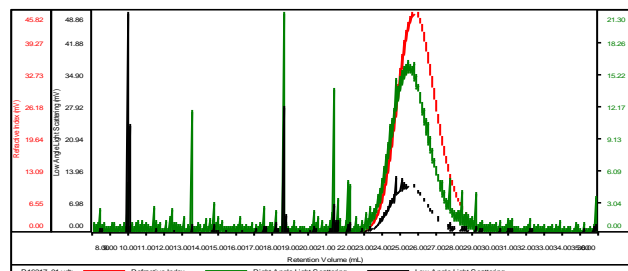
^1H -NMR Spectrum of the random copolymer:



SEC elugram of the random copolymer:

P16317-StBuMAran

Concentration (mg/mL)	3.4532
Sample dn/dc (mL/g)	0.1650
Method File	PS80K-jan-2018-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P16317_01.vdt	24,443	26,890	1.100	0.3377	26,271