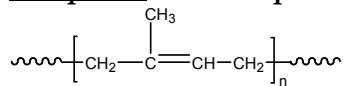


**Sample Name: Polyisoprene**

**1,4- rich addition**

**Sample #: P18141-Ip**



Mn x 10 <sup>3</sup>	PDI
6.6	1.09

**Microstructure**

Cis 1,4	Trans 1,4	1,4 addition	1,2 and 3,4
82	18	95	5

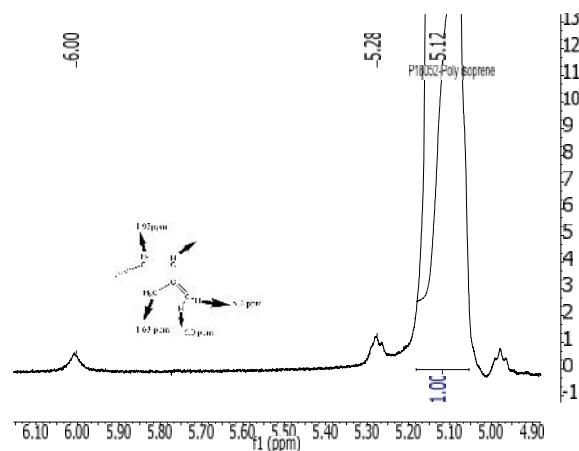
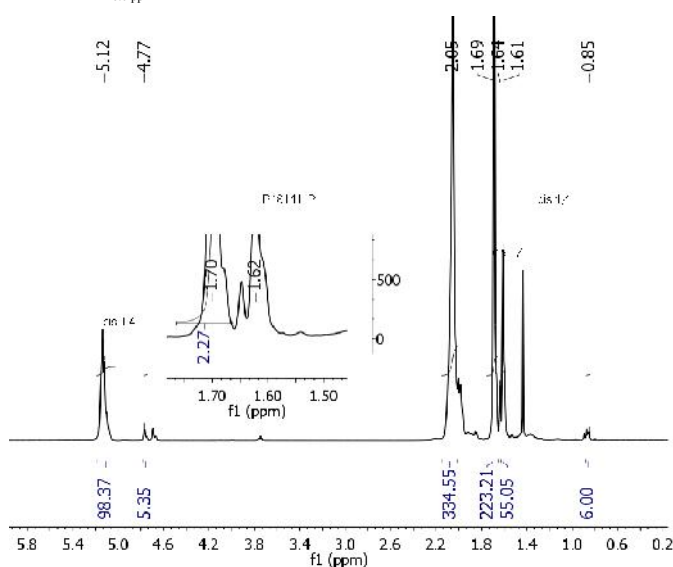
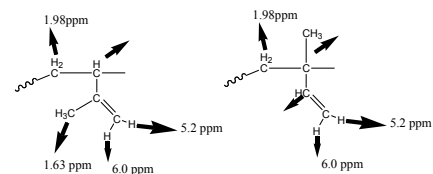
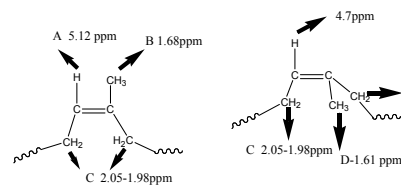
**Synthesis Procedure:** Polyisoprene is obtained by living anionic polymerization ‘

**Characterization:** By HNMR and GPC.



Cis 1,4 addition

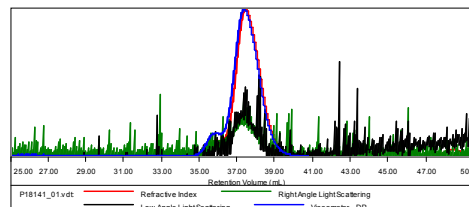
Trans 1,4 addition



**SEC of Homopolymer:**

**Sample ID: P18141-IP**

Concentration (mg/mL)	21.5728
Sample dn/dc (mL/g)	0.1250
Method File	PS80K-Aug15-2013-0000.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18141_01.vdt	6,638	7,289	11,113	1.098	0.1761

