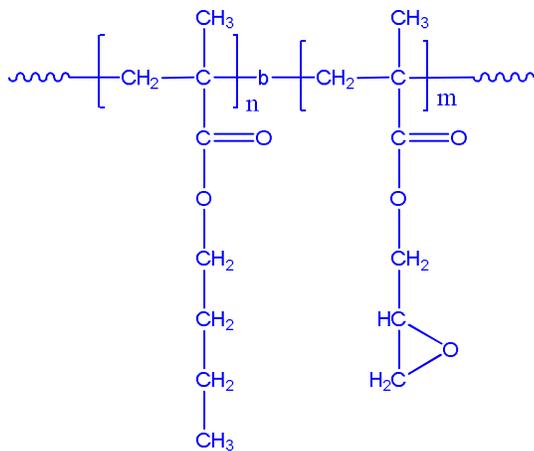


**Sample Name:**

Poly(n-butyl methacrylate-b-glycidyl methacrylate)

**Sample #:** P6809-nBuMAGMA

**Structure:****Composition:**

Mn × 10 <sup>3</sup> nBuMA-b-GMA	PDI
9.5-b-5.3	1.49

**Synthesis Procedure:**

Poly(n-butyl methacrylate -b- glycidyl methacrylate) block copolymer is synthesized by GTP polymerization with sequential addition of n-butyl methacrylate and -glycidyl methacrylate. The obtained polymer was precipitated in methanol.

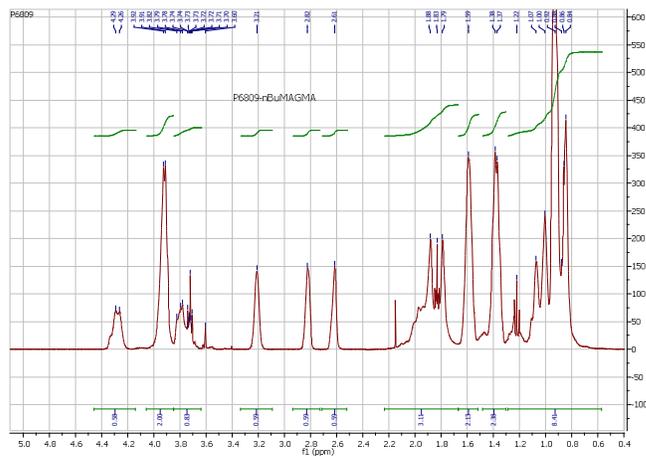
**Characterization:**

SEC analysis of the obtained block copolymer in THF in presence of triethyl amine as eluent .

The final block copolymer composition by <sup>1</sup>H-NMR spectroscopy in CdCl<sub>3</sub> Block copolymer PDI is determined by SEC.

**Solubility:**

Polymer is soluble in THF and CHCl<sub>3</sub>.

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