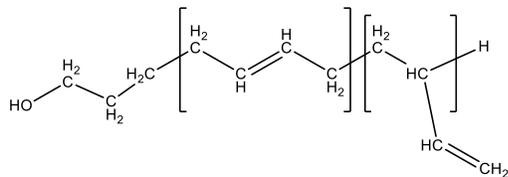


**Sample Name:** Poly(1,4-butadiene),  $\omega$ -hydroxy-terminated

**Sample #:** P44219-BdOH

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
1.9	1.08

1,4 microstructure: 93%

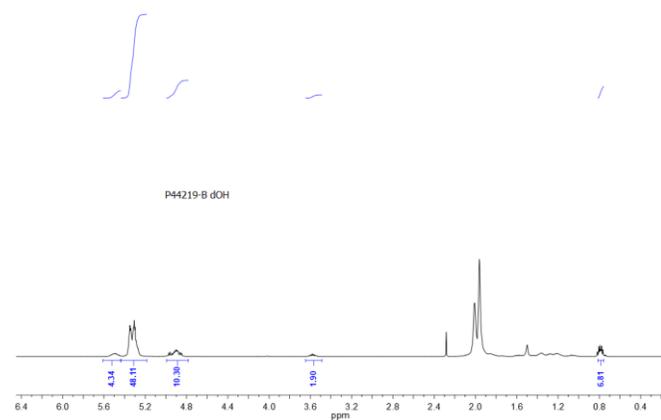
**Synthesis Procedure:**

The polymer was synthesized by anionic polymerization process.

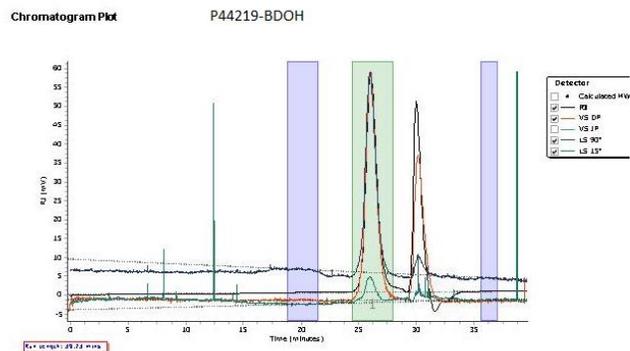
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR data analysis.

**<sup>1</sup>H NMR spectrum of the polymer:**



**SEC elugram of the polymer:**



Molecular Weight Averages							
Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PDI
Peak 1	2164	1943	2039	2250	2402	2191	1.081