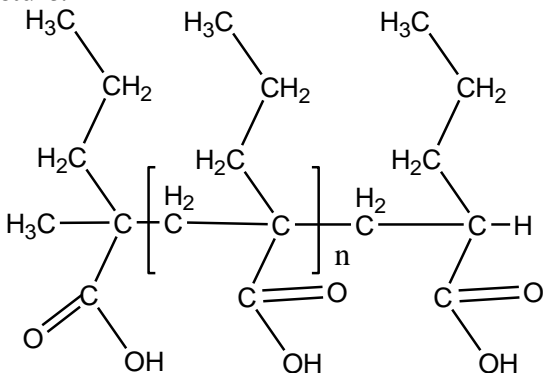


Sample Name: **Oligomers of Poly( $\alpha$ -propyl acrylic acid)**

Sample #: **P18868F1-PrAA**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
0.8	1.3

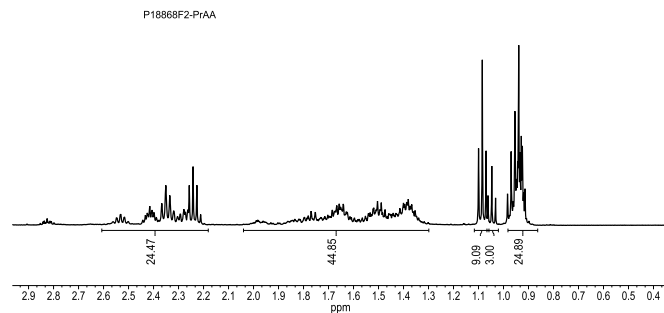
**Synthesis Procedure:**

Poly( $\alpha$ -propyl acrylic acid) is synthesized by conventional free radical process and the obtained polymer was fractionated to get different fractions.

**Characterization:**

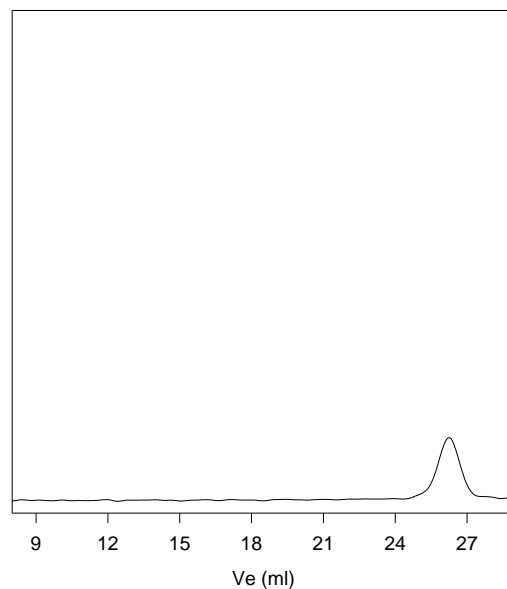
By HNMR analysis and by FTIR.

**H NMR:**



**SEC:**

**P18868F1-PrAA**



Size Exclusion Chromatography of the product:

Polypropyl acrylic acid:  $M_n=800$   $M_w/M_n=1.3$