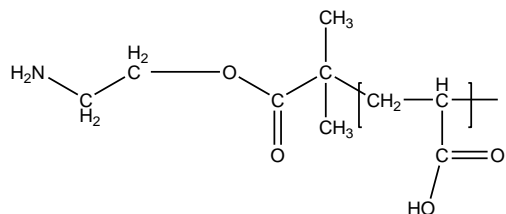


Sample Name: Amino Terminated Poly acrylic acid

Sample #: P41888-AANH2

**Structure:**

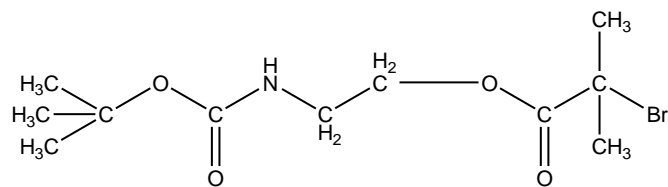


**Composition:**

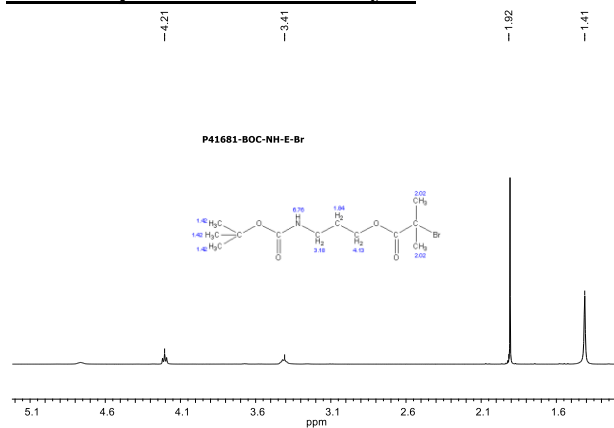
Mn x 10 <sup>3</sup>	PDI
1.3	1.4

**Synthesis Procedure:**

The polymer was synthesized by ATRP polymerization process using following catalyst:



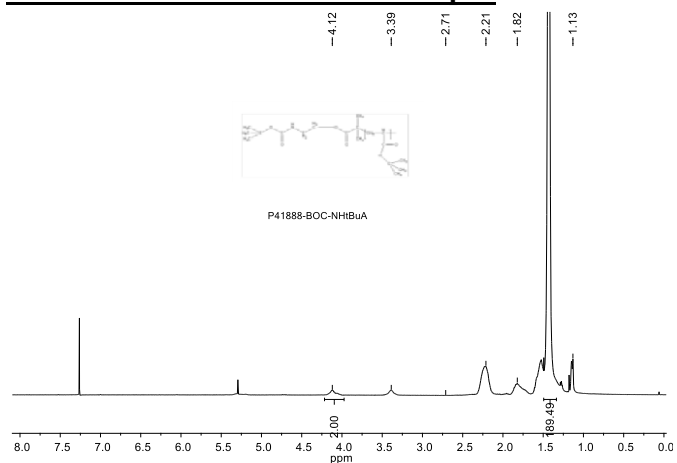
**<sup>1</sup>H NMR spectrum of the catalyst:**



**Characterization:**

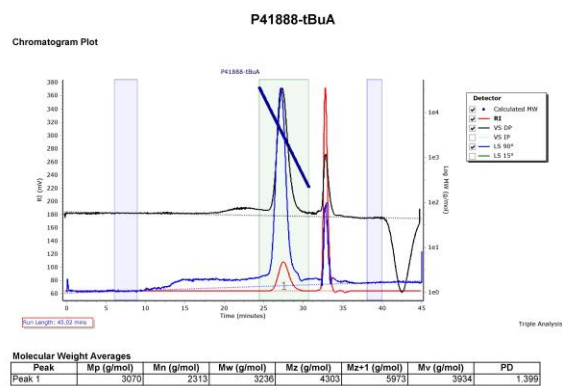
The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

**<sup>1</sup>H NMR of the BOC-NH-tBuA Sample:**



**SEC elugram of tert.butyl ester form of the Sample:**

Agilent GPC/SEC Software



after Hydrolysis of ester: Mn 1300