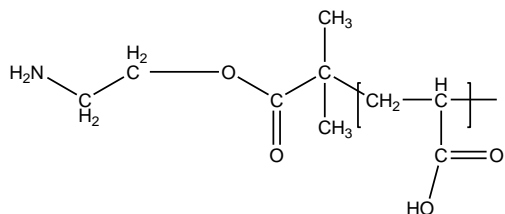


Sample Name: Amino Terminated Poly acrylic acid

Sample #: P41880-AANH2

Structure:

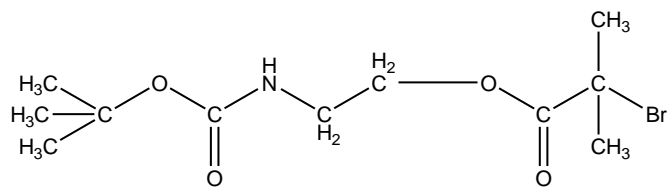


Composition:

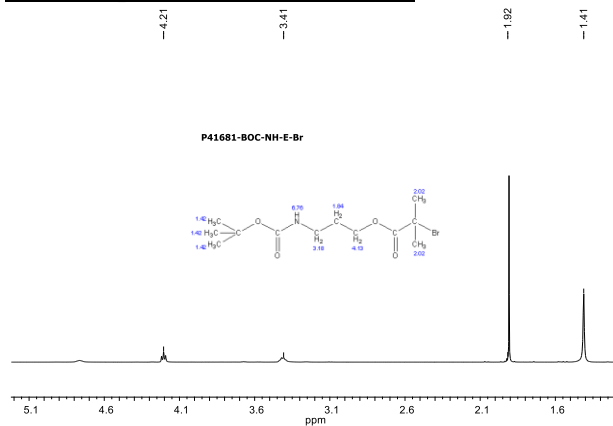
Mn x 10 ³	PDI
1.0	1.28

Synthesis Procedure:

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



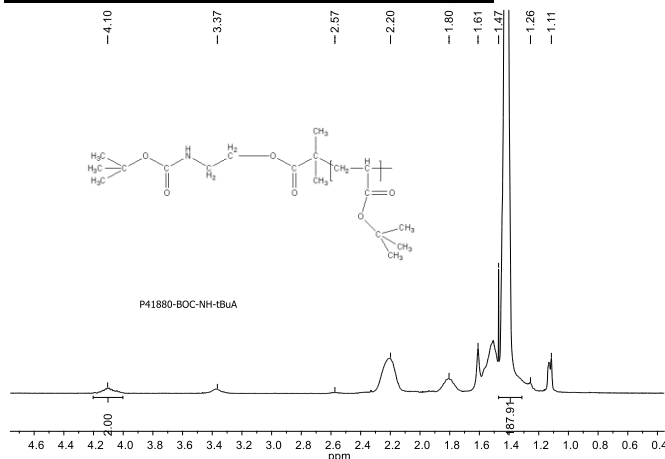
HNMR spectrum of the catalyst:



Characterization:

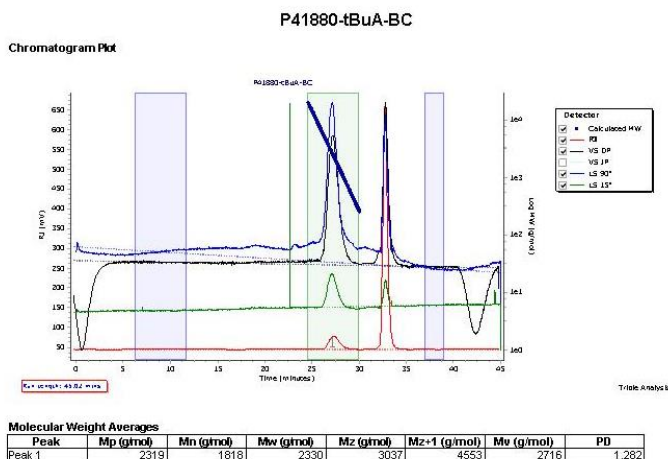
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

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: 1000