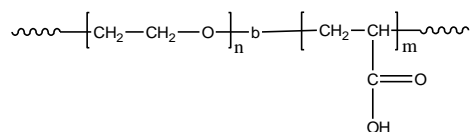


Sample Name: Poly(ethylene oxide -b- acrylic acid)

Sample #: P41522A-EOAA

Structure:



Composition:

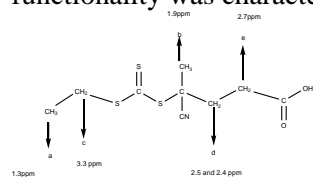
Mn x 10 ³ PEO-b-PAA	PDI
14.0-b-20.0	1.4

Synthesis:

The polymer was synthesized by RAFT polymerization process.

Characterization:

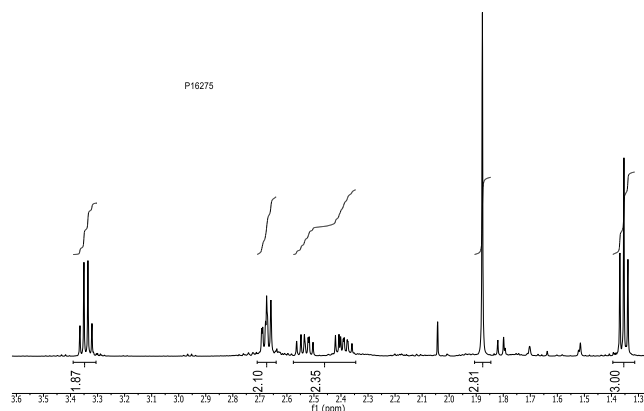
The structure of product was characterized and confirmed by ¹H NMR. PEO bearing RAFT functionality was characterized by NMR.



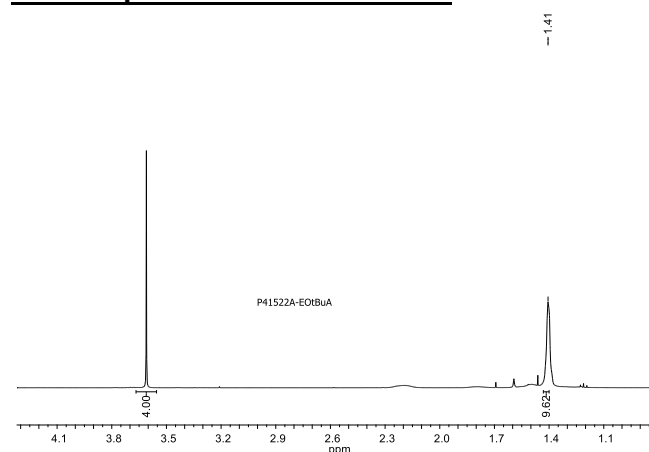
Composition:

Formula	C9H13NO2S3
Mw	263.40
Purity	> 90%

¹H NMR spectrum of the RAFT-CTA:

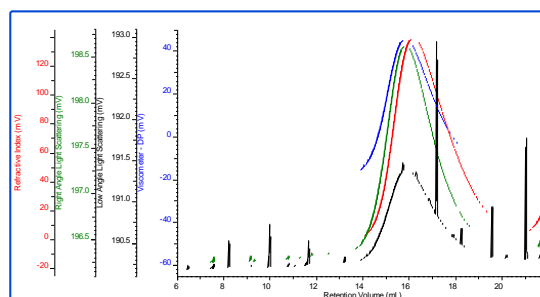


¹H NMR spectrum of the PEOtBuA:



GPC elugram of RAFT macroinitiator lot# P41469:
P41469-EO-RAFT

dn/dc	0.0490
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS



Sample	Mn	Mw	Mz	IV	Mw/Mn
P41469_1_2018-11-1	13,736	17,294	24,131	0.3259	1.259