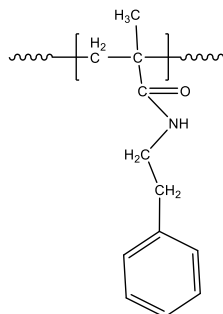


Sample Name:
Poly (N-phenethyl methacrylamide)

Sample #: P41694-PEMAMD

Structure:



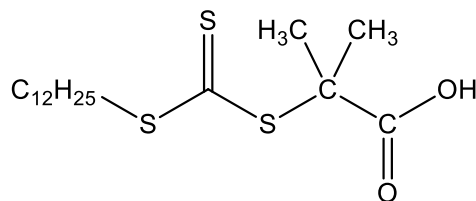
Composition:

Mn x 10 ³	Mw/Mn (PDI)
19.0	1.45

Synthesis Procedure:

The polymer is prepared by RAFT polymerization process.

Structure of RAFT reagent used:

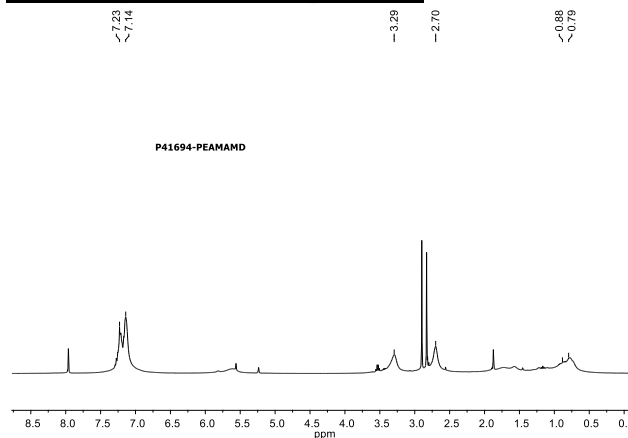


Chemical Formula: C₁₇H₃₂O₂S₃
Molecular Weight: 364.6

Characterization:

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

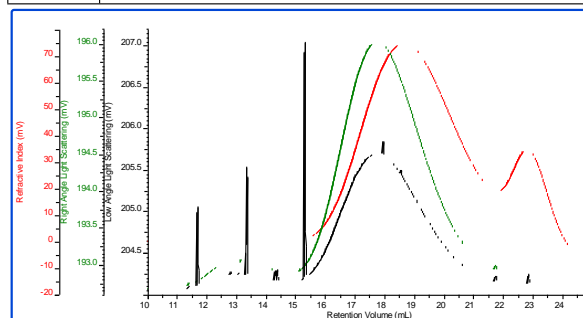
HNMR spectrum of the polymer:



SEC profile of the Sample:

P41694-PEAMAMD

dn/dc	0.0870
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS column-PMMA60K-Jan3-2019-0002.vcm



Sample	Mn	Mw	Mz	IV	Mw/Mn
P41694_1_20	19,364	28,166	42,783	0.0541	1.455