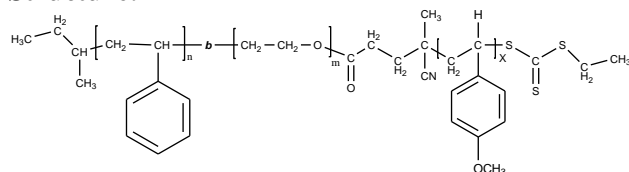


Sample Name: Poly(styrene)-b-poly (ethylene oxide)-b-poly(4-methoxystyrene)

Sample #: P41629-SEO4MeOS

Structure:



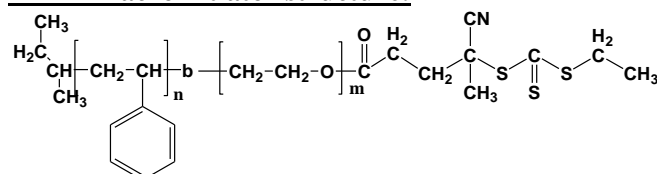
Composition:

Mn x 10 ³ S-b-EO-b-4MeOS	PDI
12.0-b-6.0-b-7.0	1.19

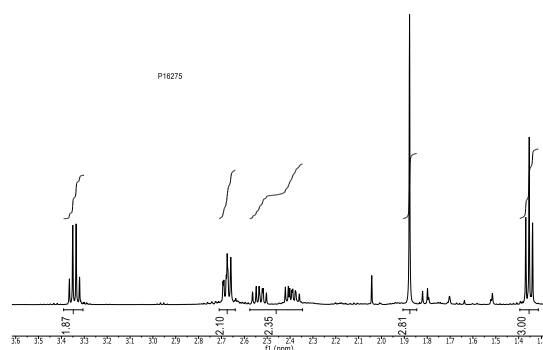
Synthesis Procedure:

The polymer was prepared by combination of anionic and RAFT polymerization process.

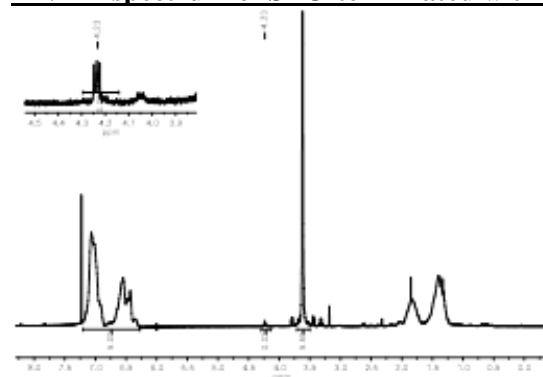
RAFT macroinitiator structure:



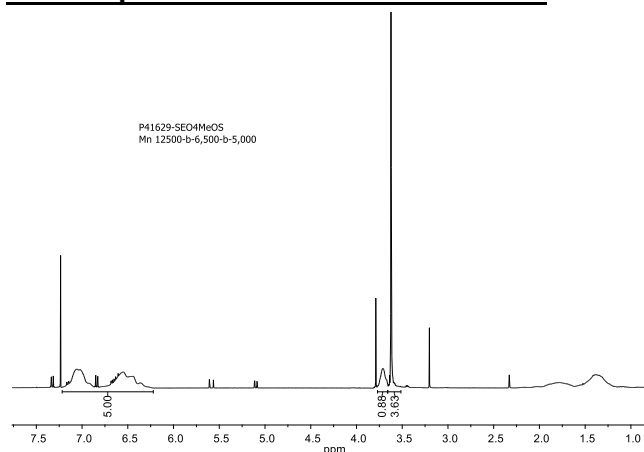
¹H NMR spectrum of the RAFT macroinitiator:



HNMR spectrum of SEO-terminated with RAFT



HNMR spectrum of SEO4MeOS in CdCl₃:

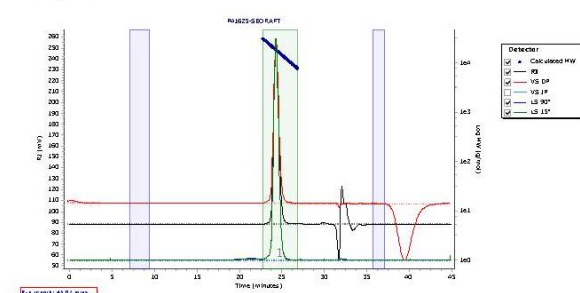


SEC elugram of SEO-terminated with RAFT

Agilent GPC/SEC Software

P41625-SEORAF

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mw (g/mol)	PD
Peak 1	18690	18201	18435	18651	18860	18629	1.013

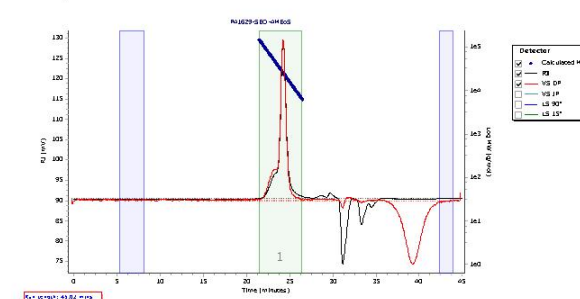
Processing Parameters

SEC elugram of the SEO4MeOs Sample:

Agilent GPC/SEC Software

P41629-SEO-4MeOS

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mw (g/mol)	PD
Peak 1	25874	25081	25929	37048	47604	34412	1.193