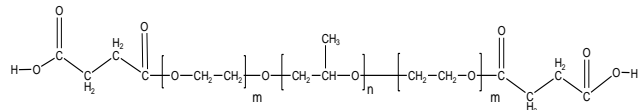


Sample Name: α,ω -Dicarboxylic (Succinate)
**Terminated Poly(ethylene oxide-b- propylene oxide -
b- ethylene oxide)**

Sample #: P40768B-EOPOEO-2COOH

Structure:



Composition:

$M_n \times 10^3$	PDI
4.6-b-3.3-b-4.6	1.09
Dp of each block	105-b-57-105

Synthesis Procedure:

Commercial polymer F-127 Pluronic
 M_n : 12,600

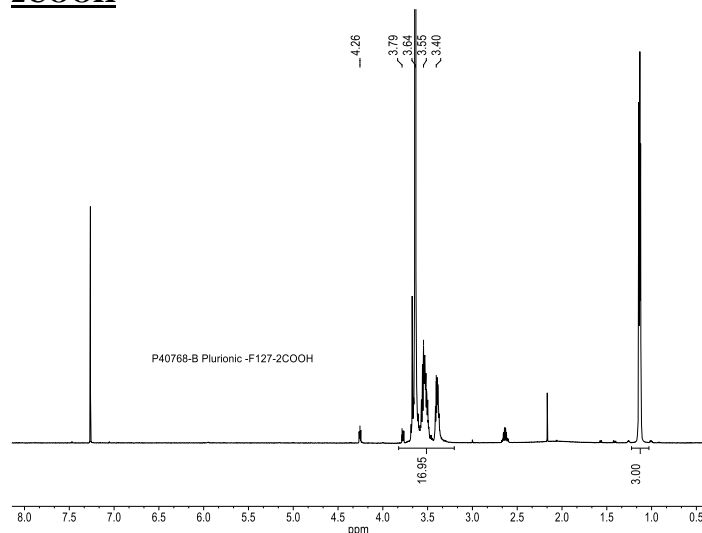
Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC), ^1H NMR, and FTIR analysis.

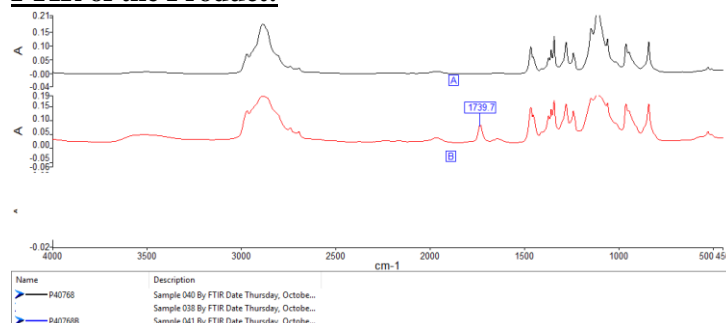
Solubility:

Polymer is soluble in THF, CHCl_3 , and toluene.

^1H NMR spectrum of polymer: EOPOEO F-127-2COOH

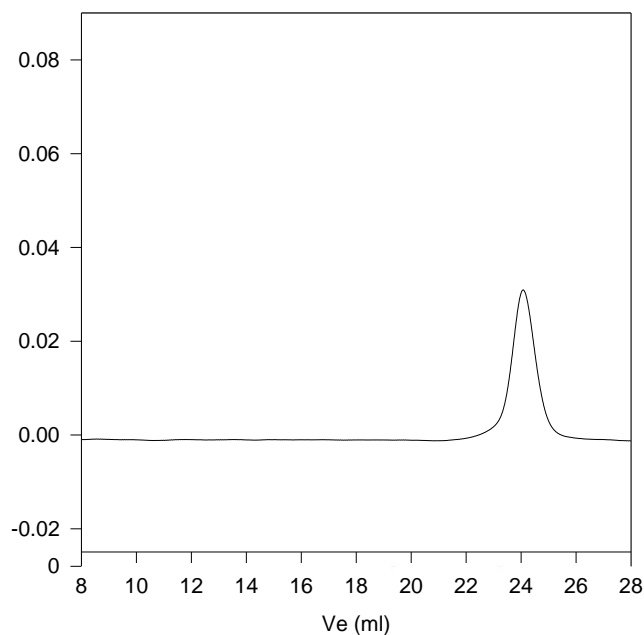


FTIR of the Product:



SEC elugram of the Sample:

P40768-Pluronic-F127



Size exclusion chromatograph of polymer
 M_n =12,600, PI=1.09