Product Profile

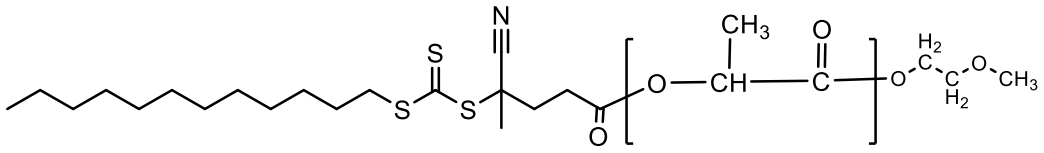
Identification

Product Name: **Poly(lactide), ω-RAFT-terminated**

Synonym(s): **Poly(D,L-lactide), 4-cyano-4-[(dodecylsulfanylthiocarbonyl)sulfanyl]pentonate terminated, RAFT-PLA**

Sample#: P45694-DLLA-RAFT

Product Chemical Architecture:



Composition:

Mn x 10^3	Mw/Mn (PDI)
7.0	1.15

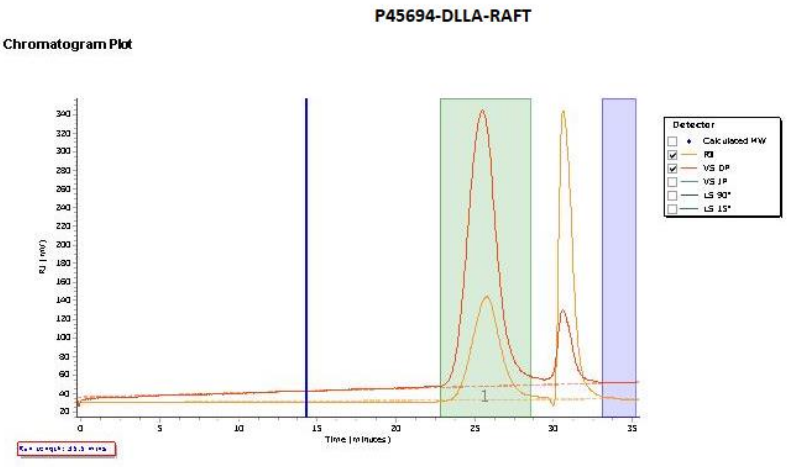
Method of Synthesis

Solubility in different solvents

THF	√		
CHCl3	√	DMF	√
Toluene-Hot	√		

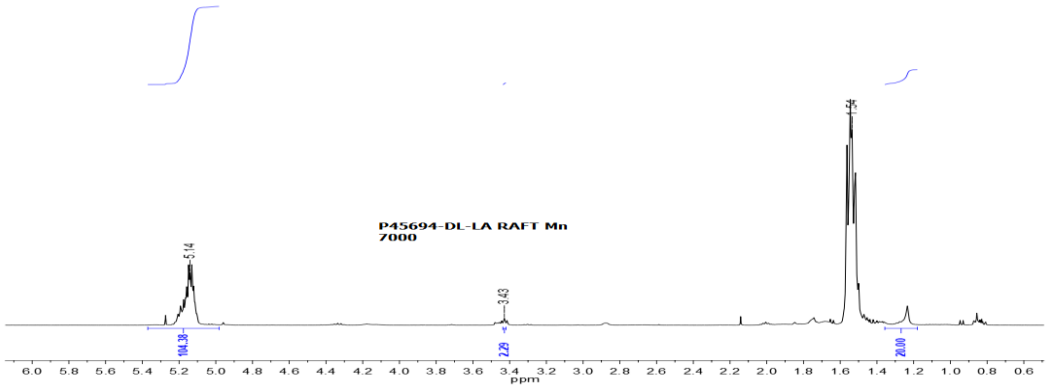
Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile

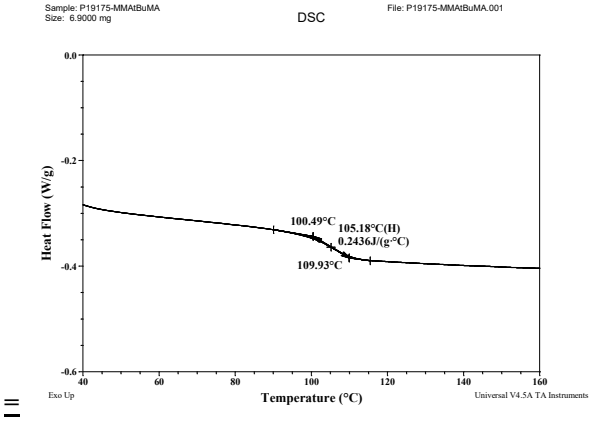


Mn from HNM'R and MW/MN by GPC 1.15

B. NMR (HNMR) of polymer:



C. Thermal analysis profile of polymer



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