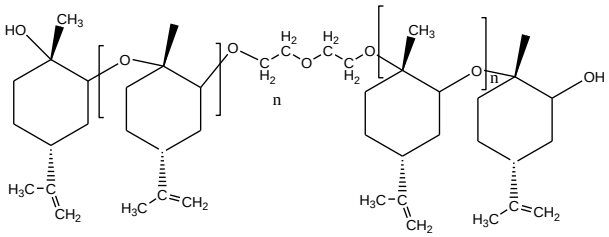
Sample Name: **α,ω–dihydroxy-terminated poly(limonene Oxide)**

Sample #: **P41287-LimO**

Structure:



Composition:

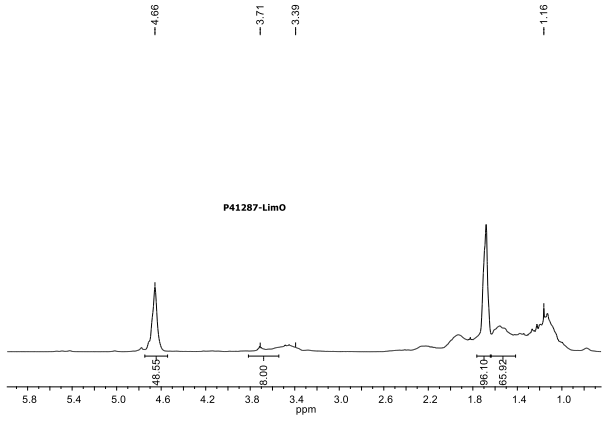
Mn x 10^3	Mw/Mn
3.5	1.8

Glass transition temperature:	T_g = 46 °C
Onset of decomposition temperature:	$T_{on} \geq 200$°C

Characterization:
The product was characterized by size exclusion chromatography (SEC) using THF as an eluant, and by HNMR in CdCl3

Thermal analysis: was performed on TA Instruments TGA-550 Discovery (TGA) and Q100 differential scanning calorimeter (DSC). TGA: The degradation temperature was measured at a scan rate of 5°C/min under a nitrogen atmosphere. DSC: The glass transition temperature (T_g) of the polymer was measured at a scan rate of 10°C/min shortly after creating thermal history of the sample.

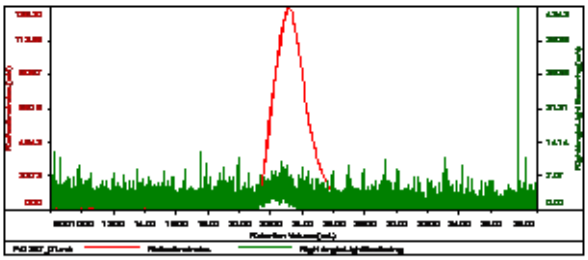
HNMR of the polymer:



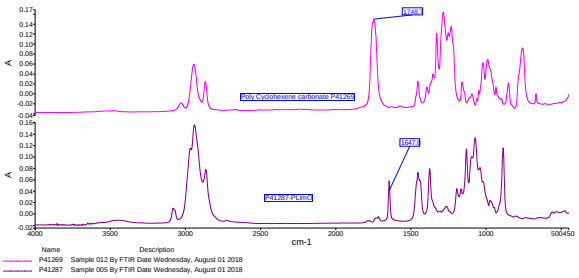
SEC elugram of the Sample:

P41287-LimO

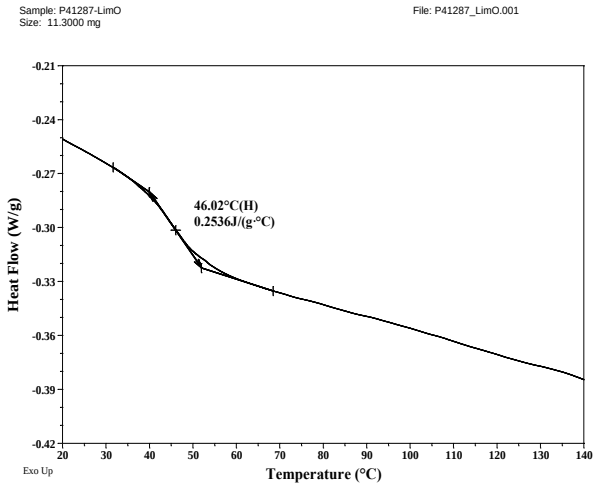
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	THF



FTIR of the polymer:



DSC thermogram of the polymer:



TGA thermogram of the polymer:

