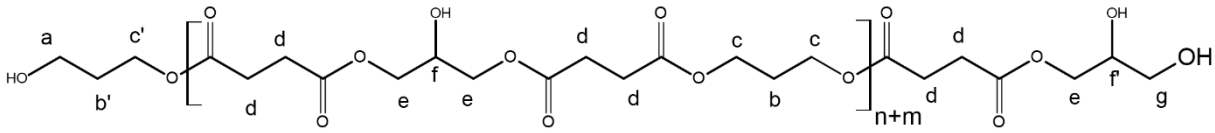

poly(propylene-co-propane-1,2,3-triol succinate)

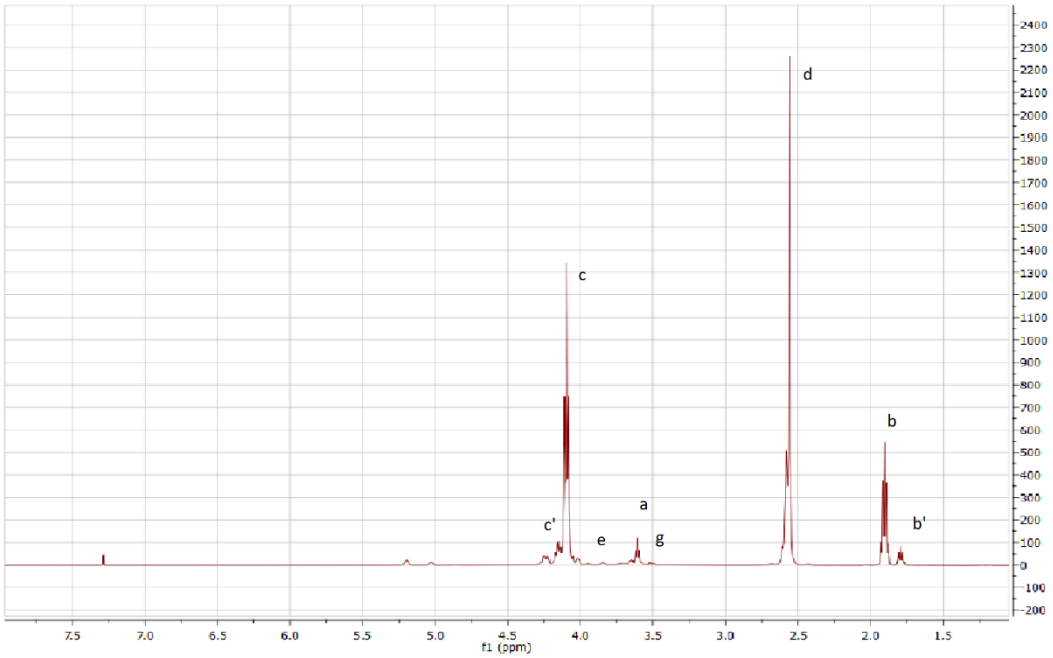

Figure 1 ^{1}H NMR spectra of poly(propylene-co-propane-1,2,3-triol succinate).

Table 1 The collection of the most characteristic signals obtained from ^{1}H NMR spectroscopy.

Symbol	Chemical shift [ppm]	Group
b’	1.75	-CH2- from propylene glycol terminated ends
b	1.90	-CH2- from propylene glycol
d	2.60	-CH2-C(O)- from succinic acid
g	3.50	-CH2-O- from glycerol terminated ends
a	3.65	-CH2-OH from propylene glycol terminated ends
e	3.80	-CH2-O- from propylene glycerol
c	4.20	-CH2-O- from propylene glycol
c’	4.35	-CH2-O- from propylene glycol terminated ends

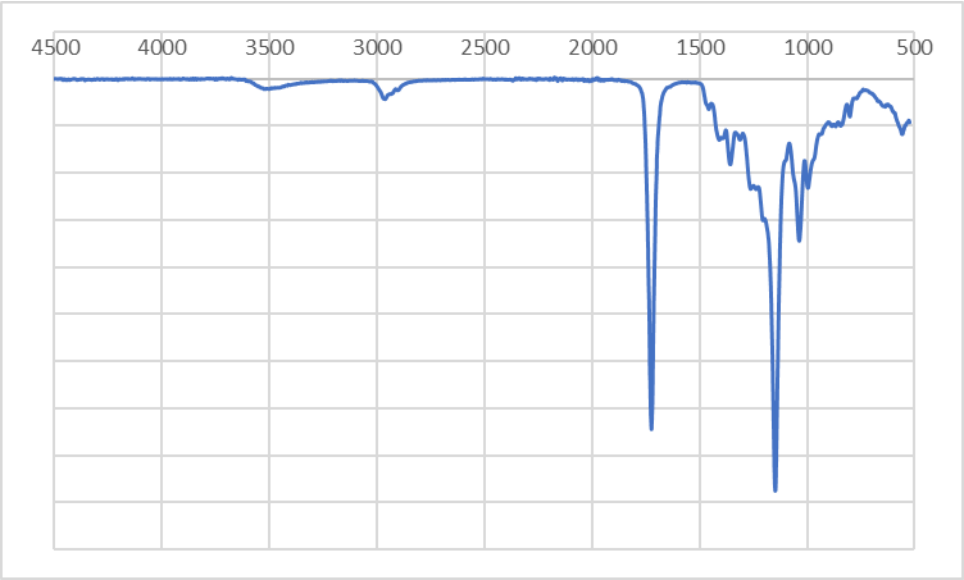

Figure 2 The results of the FTIR spectroscopy of poly(propylene-co-propane-1,2,3-triol succinate).

Table 2 The collection of the most characteristic signals obtained from FTIR spectroscopy.

Wavenumber [cm^{-1}]	Characteristic group	Vibration type
3600-3200	-OH- from hydroxyl groups	stretching
3000-2850	-CH2- from macromolecular chains	stretching
1725	-C(O)- from ester groups	stretching
1150	-C-(O)-O-C- from ester groups	stretching
1030	-C-C-O- from ester groups	stretching