

Supplementary Table. S1. TGA results of pure starch and corn starch-linoleic acid complex treated with different pressures for 10 min

Sample	Step 1			Step 2			Residue weight (%)
	Temperature range (°C)	Temperature at maximum speed (°C)	Weight loss (°C)	Temperature range (°C)	Temperature at maximum speed (°C)	Weight loss (°C)	
0.1 MPa-starch	40-227	74	8.43	227-600	310	74.90	16.66
200 MPa-starch	40-227	73	8.36	227-600	312	75.64	16.00
300 MPa-starch	40-227	74	8.42	227-600	314	75.38	16.19
400 MPa-starch	40-227	73	8.31	227-600	314	75.00	16.69
500 MPa-starch	40-227	74	8.24	227-600	313	74.73	17.03
0.1 MPa-SLC	40-223	75	8.16	223-600	312	72.44	19.40
200 MPa-SLC	40-226	73	8.18	226-600	313	73.08	18.74
300 MPa-SLC	40-227	74	8.04	227-600	314	73.04	18.93
400 MPa-SLC	40-225	74	8.01	225-600	315	72.50	19.49
500 MPa-SLC	40-227	74	8.25	227-600	315	72.81	18.94