

Table 2: Experimental conditions (normalized values) of transesterification experiments and results (weight and composition of obtained ester and glycerol phase) after 24 h separation.

Run	Experimental conditions					Ester phase						Glycerol phase					
	<i>T</i>	<i>t</i>	<i>C</i>	<i>MR</i>	<i>Ro</i>	wt. g	EE wt-%	MG wt-%	DG wt-%	TG wt-%	G wt-%	wt. g	EE wt-%	MG wt-%	DG wt-%	TG wt-%	G wt-%
1	+1	+1	+1	-1	+1	586.0	98.58	0.607	0.588	0.164	0.065	444.1	61.65	4.212	0.622	0.026	24.3
2	-1	+1	+1	+1	-1	849.2	98.94	0.517	0.266	0.045	0.237	185.1	28.19	3.532	0.342	0.003	51.6
3	-1	-1	+1	+1	+1	849.3	98.86	0.551	0.288	0.065	0.239	178.3	27.76	3.657	0.266	0.004	49.0
4	+1	-1	-1	+1	+1	764.7	98.28	0.939	0.541	0.072	0.164	261.4	44.07	5.695	0.659	0.001	45.3
5	-1	+1	-1	-1	+1												
6	+1	-1	+1	-1	-1	544.6	98.60	0.641	0.578	0.110	0.076	489.4	63.81	3.987	0.663	0.046	26.0
7	+1	+1	-1	+1	-1	749.6	98.40	0.944	0.501	0.027	0.128	279.1	47.12	5.766	0.533	0.003	38.7
8	-1	-1	-1	-1	-1												
9	+1	0	-1	-1	+1												
10	0	+1	0	-1	-1	819.5	98.17	0.672	0.664	0.309	0.185	210.3	31.63	5.047	0.578	0.022	40.5
11	0	0	+1	0	-1	820.4	98.78	0.595	0.325	0.015	0.285	221.0	30.66	4.451	0.433	0.008	44.7
12	-1	0	0	+1	+1	841.6	98.43	0.731	0.491	0.051	0.299	191.5	33.50	4.076	0.545	0.021	38.0
13	+1	-1	0	0	-1	681.7	98.66	0.722	0.503	0.041	0.073	349.3	54.30	5.157	0.421	0.013	38.2
14	-1	+1	-1	0	0												
15	-1	-1	+1	-1	0	728.1	97.76	0.683	0.956	0.449	0.158	305.5	52.36	3.862	0.781	0.143	31.9
16	0	-1	-1	+1	0	833.1	98.27	0.930	0.528	0.084	0.184	194.2	32.02	5.468	0.816	0.004	45.9
17	+1	+1	+1	+1	+1	584.2	98.91	0.664	0.334	0.010	0.086	455.2	62.19	4.241	0.246	0.005	25.5
18	-0.94	+0.88	-0.27	+0.30	+0.85	833.2	98.09	0.836	0.680	0.196	0.195	201.0	35.39	4.835	0.405	0.065	52.0
19	+0.18	-0.44	+0.72	+0.82	+0.03	791.8	98.95	0.502	0.350	0.011	0.187	241.5	38.93	5.149	0.415	0.001	45.9
20	-1	-1	+1.15	+1.32	-1	815.6	98.76	0.602	0.359	0.027	0.248	217.7	39.65	3.672	0.288	0.001	44.2
21	-1	-1	+1.25	+1.35	-1	826.5	99.00	0.602	0.231	0.008	0.159	207.9	38.60	3.343	0.140	0.001	38.2

* more information in section 3.4