

Supplementary Table S3: Changes in ζ -potential of emulsions under different treatments during storage. Data are presented as mean $\pm$ standard deviation. Within the same treatment group, values marked with different lowercase letters (a, b, c, d) indicate statistically significant differences ($p < 0.05$) between storage days.

Group	Time (day)	Mean $\pm$ SD	Significance group
Native	0	-28.80 $\pm$ 1.11	a
	3	-27.80 $\pm$ 0.78	ab
	6	-24.80 $\pm$ 1.06	b
	9	-23.47 $\pm$ 0.35	bc
	12	-18.40 $\pm$ 0.34	c
70°C	0	-29.23 $\pm$ 0.87	a
	3	-28.13 $\pm$ 1.21	ab
	6	-27.77 $\pm$ 1.02	b
	9	-24.83 $\pm$ 0.76	bc
	12	-19.37 $\pm$ 0.23	c
90°C	0	-33.30 $\pm$ 0.82	a
	3	-31.73 $\pm$ 1.37	ab
	6	-27.23 $\pm$ 1.14	bc
	9	-25.33 $\pm$ 0.43	c
	12	-20.80 $\pm$ 0.67	d
120°C	0	-40.63 $\pm$ 1.22	a
	3	-38.23 $\pm$ 1.06	ab
	6	-37.73 $\pm$ 0.62	b
	9	-33.46 $\pm$ 0.54	c
	12	-31.67 $\pm$ 0.45	c
140°C	0	-38.63 $\pm$ 1.24	a
	3	-37.30 $\pm$ 0.91	ab
	6	-36.67 $\pm$ 1.05	b
	9	-32.98 $\pm$ 1.08	c
	12	-30.09 $\pm$ 0.83	c