

Levels	Factor							
	A	B	C	D	E	F	G	K
	The type of surfactant	Tween 80 concentration (mg/ml)	Apigenin concentration (mg/ml)	Antisolvent/ Solvent volume ratio (v/v)	Stirring speed (rpm)	Stirring time (min)	Precipitation temperature (°C)	Drop speed (ml/min)
1	Tween 80	1	5	3	400	5	15	1
2	PEG-400	2	10	5	800	10	25	2
3	Poloxamer188	3	20	10	1200	20	35	3
4		4	30	15	1600	30	45	4
5		5	40	20	2000	40	55	5
6						50		6
7						60		

Table S1 The factors and levels of the single factor design ^a

When one of the variables was investigated and other variables were fixed.