SUPPLEMENTARY INFORMATION

Comparative modeling of microwave and ultrasound assisted extraction of phenolics and Berberine from *Coptis teeta* Wall rhizome

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Table S1: The coded values and corresponding actual values of the optimization parameters used for microwave-assisted extraction

Independent variable	Coded	Uncoded	Level		
			-1	0	1
Solvent concentration (%)	x_1	X_1	50	60	70
Time (min)	x_2	X_2	1	15	30
Microwave Power (W)	x_3	X_3	180	540	900
Solid-liquid ratio (g/mL)	x_4	X_4	1:10	1:25	1:40

Table S2: The coded values and corresponding actual values of the optimization parameters used for ultrasound-assisted extraction

Independent variable	Coded	Uncoded	Level		
			-1	0	1
Solvent concentration (%)	x_1	X_1	0	50	100
Time (min)	x_2	X_2	10	45	80
Ultrasound Power (W)	x_3	X_3	40	120	200
Solid-liquid ratio (g/mL)	x_4	X_4	1:10	1:45	1:80