

## Supplementary Materials

**Table S1.** Independent factors and levels in the response surface experiment.

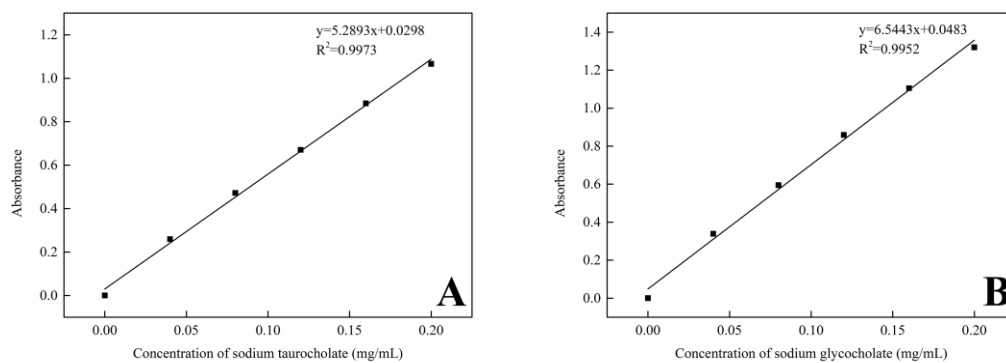
Factors	Code	Level		
		-1	0	1
Ultrasonic time (min)	A	10	20	30
Ultrasonic temperature (°C)	B	30	40	50
Ultrasonic power (W)	C	120	150	180
Solid -to-liquid (g/mL)	D	1:8	1:10	1:12

**Table S2.** Physical characteristics of the four macroporous resins.

Resins	Specific surface area (m <sup>2</sup> /g)	Average pore diameter (nm)	Polarity
NKA-9	500-550	10-12	Polar
AB-8	480-520	13-14	Weak polar
D101	550-600	9-10	Nonpolar
X-5	500-650	28-30	Nonpolar

**Table S3.** Linear equations, linear ranges and correlation coefficients for each component of mixed standard.

Analytes	Regression equation	Linear range (µg/mL)	R <sup>2</sup>
Neochlorogenic acid	$y=10.1159x+23.0507$	10-250	0.9994
Chlorogenic acid	$y=10.3652x-77.8026$	10-250	0.9987
Catechin	$y=4.7892x-5.5950$	10-500	0.9999



**Figure S1.** Standard curves for sodium taurocholate (A) and sodium glycocholate (B).