

Supplemental Table S3. Response surface design and experimental results

Number	A-NaCl concentration (mmol/L)	B-CaCl ₂ concentration (mmol/L)	C-KCl concentration (mmol/L)	GABA content (mg/100 gDW)
1	-1	1	0	68.12
2	0	0	0	69.2
3	1	1	0	64.73
4	0	1	1	69.74
5	0	-1	-1	67.41
6	1	-1	0	64.37
7	0	1	-1	66.53
8	1	0	1	66.17
9	1	0	-1	66.21
10	0	0	0	68.71
11	0	0	0	68
12	-1	-1	0	63.07
13	1	0	-1	63.07
14	0	0	0	68.85
15	-1	0	1	67.37
16	0	-1	1	68.55