

Reduced Graphene Oxide- β -Cyclodextrin Nanocomposite-based Electrode for Electrochemical detection of Curcumin

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Table S-1. Factors and their level values used for Taguchi design.

parameter	Code	Level 1	Level 2	Level 3
Electrolyte pH	A	7	8	-
Accumulation time (min)	B	30	45	60
β -CD-rGO concentration (g ml ⁻¹)	C	3	4	5
β -CD to GO ratio	D	0.1	0.25	0.5

Table S-2. The basic Taguchi L₁₈ orthogonal arrays.

Run	Control factor and levels				Response
	A	B	C	D	factor
1	1	1	1	1	101
2	1	1	2	2	92
3	1	1	3	3	11
4	1	2	1	1	111
5	1	2	2	2	112
6	1	2	3	3	41
7	1	3	1	2	111
8	1	3	2	3	10
9	1	3	3	1	83
10	2	1	1	3	103
11	2	1	2	1	94
12	2	1	3	2	20
13	2	2	1	2	46
14	2	2	2	3	82
15	2	2	3	1	50
16	2	3	1	3	94
17	2	3	2	1	110
18	2	3	3	2	28