

Table S1 The prediction results for determination of dopamine in the synthetic preparation prediction set by the proposed PLS model

Sample	Ascorbic Acid/ μM	Dopamine/ μM	Predicted Dopamine/ μM	RE (%)
1	40.0	9.0	11.2	24.4
2	20.0	12.0	12.0	0.0
3	30.0	12.0	13.6	13.3
4	40.0	15.0	15.2	1.3
5	42.0	20.0	18.9	-5.5
6	25.0	24.0	24.4	1.7
7	65.0	12.0	12.9	7.5
8	49.0	18.0	18.7	3.9
9	35.0	22.0	21.8	-0.9
10	44.0	22.0	23.0	4.5
11	47.0	24.0	24.8	3.3