

Table S1. Intra- and inter-day variability for the assay of the 18 constituents

No.	Concentrations ($\mu\text{g/mL}$)	Intra-day			Inter-day		
		Found	RSD (%)	Accuracy (%)	Found	RSD (%)	Accuracy (%)
1	2.50	2.61 $\pm$ 0.03	1.15	104.40	2.47 $\pm$ 0.06	2.43	98.80
	1.25	1.28 $\pm$ 0.01	0.78	102.40	1.19 $\pm$ 0.02	1.28	95.47
2	1.25	1.21 $\pm$ 0.02	1.65	96.80	1.20 $\pm$ 0.03	2.50	96.00
	0.63	0.66 $\pm$ 0.01	1.52	104.76	0.61 $\pm$ 0.02	3.28	96.83
	2.50	2.59 $\pm$ 0.03	1.16	103.60	2.48 $\pm$ 0.02	0.81	99.20
	1.25	1.19 $\pm$ 0.02	1.28	95.47	1.30 $\pm$ 0.01	0.45	103.73
	1.25	1.28 $\pm$ 0.03	2.34	102.40	1.22 $\pm$ 0.04	3.28	97.60
3	0.63	0.60 $\pm$ 0.01	1.67	95.24	0.66 $\pm$ 0.01	1.52	104.76
	2.50	2.55 $\pm$ 0.07	2.75	102.00	2.49 $\pm$ 0.03	1.20	99.60
	1.25	1.30 $\pm$ 0.03	2.48	103.73	1.20 $\pm$ 0.02	1.27	96.27
	1.25	1.22 $\pm$ 0.01	2.34	102.40	1.20 $\pm$ 0.03	2.50	96.00
	0.63	0.60 $\pm$ 0.01	1.67	95.24	0.64 $\pm$ 0.01	1.56	101.59
4	2.50	2.58 $\pm$ 0.04	1.55	103.20	2.62 $\pm$ 0.02	0.76	104.80
	1.25	1.30 $\pm$ 0.03	1.93	104.27	1.29 $\pm$ 0.02	1.55	103.20
	1.25	1.20 $\pm$ 0.03	2.50	96.00	1.28 $\pm$ 0.02	1.56	102.40
	0.63	0.62 $\pm$ 0.02	3.23	98.41	0.65 $\pm$ 0.01	1.54	103.17
	2.50	2.44 $\pm$ 0.04	1.64	97.60	2.56 $\pm$ 0.06	2.34	102.40
5	1.25	1.19 $\pm$ 0.02	1.28	95.47	1.20 $\pm$ 0.02	1.28	95.73
	1.25	1.27 $\pm$ 0.03	2.36	101.60	1.29 $\pm$ 0.04	3.10	103.20
	0.63	0.66 $\pm$ 0.01	1.52	104.76	0.65 $\pm$ 0.02	3.08	103.17
	2.50	2.57 $\pm$ 0.05	1.95	102.80	2.58 $\pm$ 0.04	1.55	103.20
	1.25	1.31 $\pm$ 0.01	0.76	104.80	1.27 $\pm$ 0.03	2.36	101.60
6	0.63	0.63 $\pm$ 0.02	3.17	100.00	0.61 $\pm$ 0.02	3.28	96.83
	2.50	2.48 $\pm$ 0.03	1.21	99.20	2.55 $\pm$ 0.04	1.57	102.00
	1.25	1.19 $\pm$ 0.02	1.68	95.20	1.22 $\pm$ 0.03	2.46	97.60
	0.63	0.61 $\pm$ 0.02	3.28	96.83	0.62 $\pm$ 0.02	3.23	98.41
	2.50	2.52 $\pm$ 0.04	1.59	100.80	2.57 $\pm$ 0.05	1.95	102.80
7	1.25	1.19 $\pm$ 0.03	2.52	95.20	1.23 $\pm$ 0.03	2.44	98.40
	0.63	0.63 $\pm$ 0.01	1.59	100.00	0.61 $\pm$ 0.01	1.64	96.83
	2.50	2.45 $\pm$ 0.02	0.82	98.00	2.54 $\pm$ 0.02	0.79	101.60
	1.25	1.26 $\pm$ 0.04	3.17	101.80	1.31 $\pm$ 0.01	0.76	104.80
	0.63	0.60 $\pm$ 0.02	3.33	95.24	0.64 $\pm$ 0.01	1.56	101.59
8	2.50	2.43 $\pm$ 0.05	2.06	97.20	2.39 $\pm$ 0.01	0.42	95.60
	1.25	1.20 $\pm$ 0.02	1.67	96.00	1.25 $\pm$ 0.03	2.40	100.00
	0.63	0.62 $\pm$ 0.02	3.23	98.41	0.61 $\pm$ 0.01	1.64	96.83
	2.50	2.57 $\pm$ 0.04	1.56	102.80	2.60 $\pm$ 0.03	1.15	104.00
	1.25	1.30 $\pm$ 0.02	1.54	104.00	1.28 $\pm$ 0.02	1.56	102.40
9	0.63	0.62 $\pm$ 0.01	1.61	98.41	0.60 $\pm$ 0.02	3.33	95.24
	2.50	2.51 $\pm$ 0.04	1.59	100.40	2.50 $\pm$ 0.01	0.40	100.00
	1.25	1.27 $\pm$ 0.04	3.15	101.60	1.26 $\pm$ 0.02	1.59	100.80
	0.63	0.66 $\pm$ 0.02	3.03	104.76	0.63 $\pm$ 0.02	3.17	100.00
	10.00	9.91 $\pm$ 0.07	0.71	99.10	10.12 $\pm$ 0.09	0.89	101.20
10	5.00	5.12 $\pm$ 0.08	1.56	102.40	5.09 $\pm$ 0.06	1.18	101.80
	2.50	2.49 $\pm$ 0.04	1.61	99.60	2.53 $\pm$ 0.05	1.98	101.20
	2.50	2.42 $\pm$ 0.03	1.24	96.80	2.52 $\pm$ 0.03	1.19	100.80
	1.25	1.26 $\pm$ 0.04	3.17	100.80	1.20 $\pm$ 0.02	1.67	96.00
	0.63	0.62 $\pm$ 0.02	3.23	98.41	0.63 $\pm$ 0.02	3.17	100.00
11	2.50	2.56 $\pm$ 0.06	2.34	102.40	2.48 $\pm$ 0.04	1.61	99.20
	1.25	1.19 $\pm$ 0.03	2.52	95.20	1.23 $\pm$ 0.02	1.63	98.40
	0.63	0.67 $\pm$ 0.02	2.99	106.35	0.65 $\pm$ 0.02	3.08	103.17
	2.50	2.44 $\pm$ 0.05	2.05	97.60	2.53 $\pm$ 0.07	2.77	101.20
	1.25	1.29 $\pm$ 0.03	2.33	103.20	1.30 $\pm$ 0.03	2.31	104.00
12	0.63	0.61 $\pm$ 0.02	3.28	96.83	0.63 $\pm$ 0.02	3.17	100.00

17	2.50	2.48±0.04	1.61	99.20	2.41±0.05	2.07	96.40
	1.25	1.29±0.02	1.55	103.20	1.30±0.02	1.54	104.00
	0.63	0.62±0.02	3.23	98.41	0.65±0.02	3.08	103.17
18	2.50	2.60±0.02	0.77	104.00	2.54±0.04	1.57	101.60
	1.25	1.22±0.02	1.64	97.60	1.26±0.04	3.17	100.80
	0.63	0.61±0.02	3.28	96.83	0.62±0.02	3.23	98.41

^a RSD (%) = (SD /mean)×100

^b Accuracy (%) = Found/original concentration×100

Table S2. Recovery results of compounds tested

No.	Original (mg/g)	Spiked (mg)	Found (mg)	Mean recovery (%)	Average (%)	RSD (%) (n = 3)
1	1.12	0.57	1.63	89.47	92.10	2.52
		1.14	2.19	93.86		
		1.71	2.71	92.98		
2	0.19	0.09	0.27	88.89	85.80	3.30
		0.18	0.34	83.33		
		0.27	0.42	85.19		
3	0.61	0.32	0.92	96.88	94.45	2.30
		0.64	1.21	93.75		
		0.96	1.50	92.71		
5	0.17	0.09	0.25	88.89	91.97	3.07
		0.18	0.34	94.44		
		0.27	0.42	92.59		
6	0.02	0.01	0.0296	96.00	95.94	1.48
		0.02	0.0389	94.50		
		0.03	0.0492	97.33		
7	2.46	1.27	3.76	102.36	100.62	2.01
		2.52	4.94	98.41		
		3.65	6.15	101.10		
8	1.68	0.82	2.40	87.80	89.22	1.42
		1.64	3.15	89.63		
		2.46	3.90	90.24		
9	0.13	0.07	0.19	85.71	89.68	4.06
		0.14	0.26	92.86		
		0.21	0.32	90.48		
10	0.39	0.19	0.57	94.74	97.95	3.62
		0.38	0.76	97.37		
		0.57	0.97	101.75		
11	0.15	0.08	0.22	87.50	84.03	3.79
		0.16	0.28	81.25		
		0.24	0.35	83.33		
12	3.51	1.81	5.30	98.90	100.24	1.27
		3.49	7.05	101.43		
		5.32	8.85	100.38		
13	15.90	8.07	24.14	102.11	101.62	1.26
		15.84	32.15	102.59		
		23.72	39.66	100.17		
14	0.62	0.34	0.97	102.94	101.14	1.96
		0.68	1.31	101.47		

		1.02	1.63	99.02		
15	0.75	0.37	1.11	97.30	97.15	1.17
		0.74	1.46	95.95		
		1.11	1.84	98.20		
18	0.003	0.0018	0.0045	83.33	87.35	4.78
		0.0036	0.0063	91.67		
		0.0054	0.0077	87.04		