

Supporting Information

Table S1 15 batches of FHG Similarity results

No.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	fingerprint comparison
S1	1.000	0.993	0.971	0.989	0.991	0.994	0.987	0.959	0.994	0.972	0.998	0.996	0.998	0.996	1.000	0.996
S2	0.993	1.000	0.990	0.999	1.000	1.000	0.999	0.983	1.000	0.988	0.997	0.998	0.997	0.998	0.994	0.999
S3	0.971	0.990	1.000	0.990	0.993	0.988	0.995	0.996	0.988	0.998	0.983	0.986	0.985	0.988	0.974	0.988
S4	0.989	0.999	0.990	1.000	0.998	0.999	0.998	0.982	0.999	0.987	0.993	0.995	0.994	0.995	0.990	0.996
S5	0.991	1.000	0.993	0.998	1.000	0.999	0.999	0.986	0.999	0.992	0.997	0.998	0.997	0.998	0.993	0.999
S6	0.994	1.000	0.988	0.999	0.999	1.000	0.998	0.981	1.000	0.986	0.998	0.998	0.998	0.998	0.995	0.999
S7	0.987	0.999	0.995	0.998	0.999	0.998	1.000	0.990	0.998	0.993	0.994	0.996	0.995	0.996	0.989	0.997
S8	0.959	0.983	0.996	0.982	0.986	0.981	0.990	1.000	0.980	0.995	0.974	0.977	0.975	0.980	0.963	0.979
S9	0.994	1.000	0.988	0.999	0.999	1.000	0.998	0.980	1.000	0.986	0.998	0.999	0.998	0.998	0.995	0.999
S10	0.972	0.988	0.998	0.987	0.992	0.986	0.993	0.995	0.986	1.000	0.982	0.983	0.985	0.989	0.975	0.987
S11	0.998	0.997	0.983	0.993	0.997	0.998	0.994	0.974	0.998	0.982	1.000	1.000	1.000	0.999	0.998	0.999
S12	0.996	0.998	0.986	0.995	0.998	0.998	0.996	0.977	0.999	0.983	1.000	1.000	0.999	0.998	0.997	0.999
S13	0.998	0.997	0.985	0.994	0.997	0.998	0.995	0.975	0.998	0.985	1.000	0.999	1.000	0.999	0.999	1.000
S14	0.996	0.998	0.988	0.995	0.998	0.998	0.996	0.980	0.998	0.989	0.999	0.998	0.999	1.000	0.997	1.000
S15	1.000	0.994	0.974	0.990	0.993	0.995	0.989	0.963	0.995	0.975	0.998	0.997	0.999	0.997	1.000	0.997
fingerprint comparison	0.996	0.999	0.988	0.996	0.999	0.999	0.997	0.979	0.999	0.987	0.999	0.999	1.000	1.000	0.997	1.000

Table S2 Method validation results (% RSD) of the psoralen HPLC quantitation method

Number of detections	Peak area of rosmarinic acid (mAU)		
	Precision	Repeatability	Stability
1	6473042	6427015	6442623
2	6482912	6440303	6432668
3	6487449	6377031	6462926
4	6485073	6385491	6473812
5	6485093	6414619	6498735
6	6498735	6422272	6397142
RSD (%)	0.13	0.39	0.55

Table S3 Method validation results (% RSD) of the bergapten HPLC quantitation method

Number of detections	Peak area of rosmarinic acid (mAU)		
	Precision	Repeatability	Stability
1	558256	546911	552831
2	547327	542104	548596
3	546642	544815	551356
4	552798	549663	555074
5	545783	543869	552331
6	552331	549874	541432
RSD (%)	0.87	0.58	0.88

