

Fig. S1

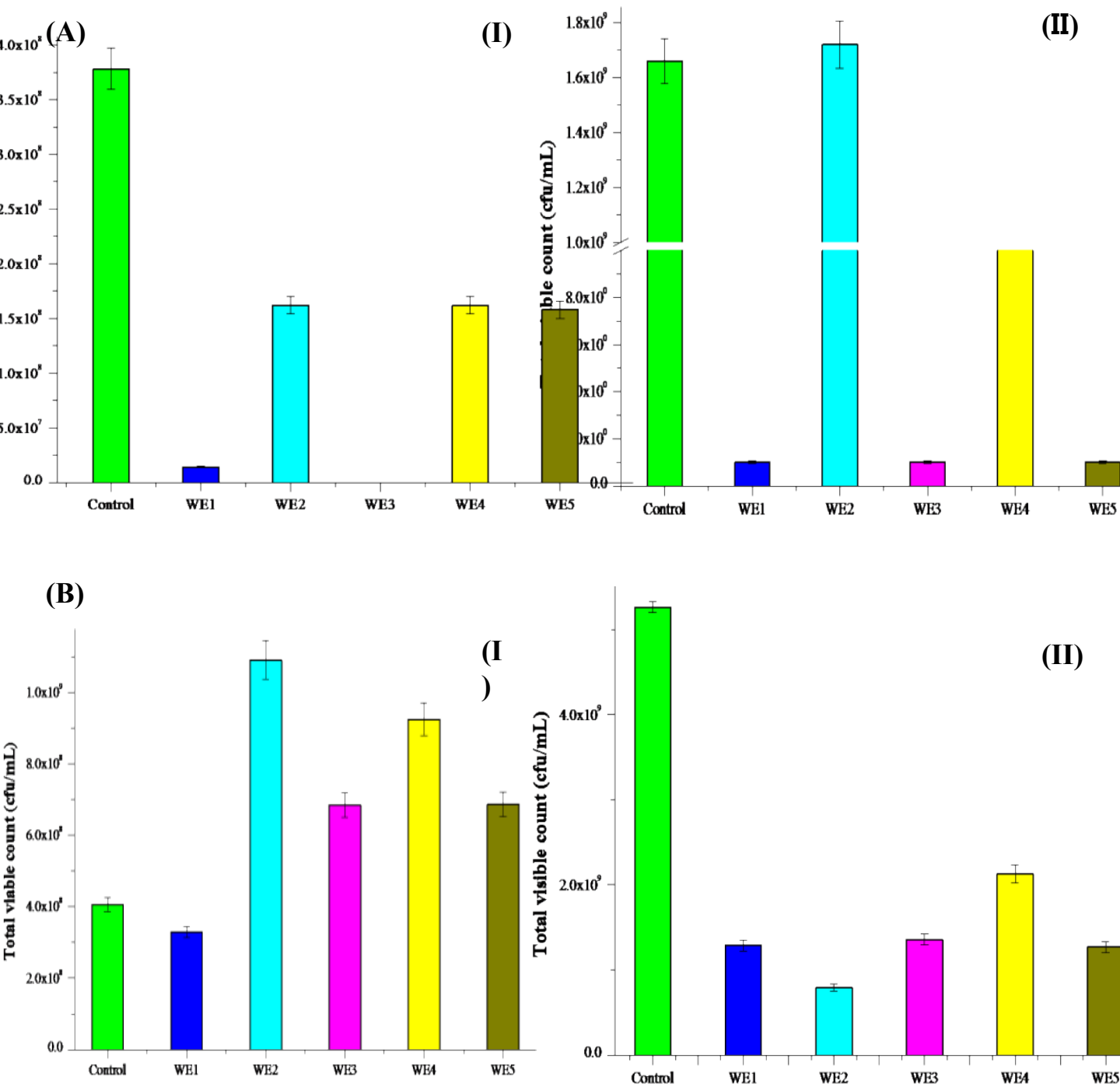


Fig. S2

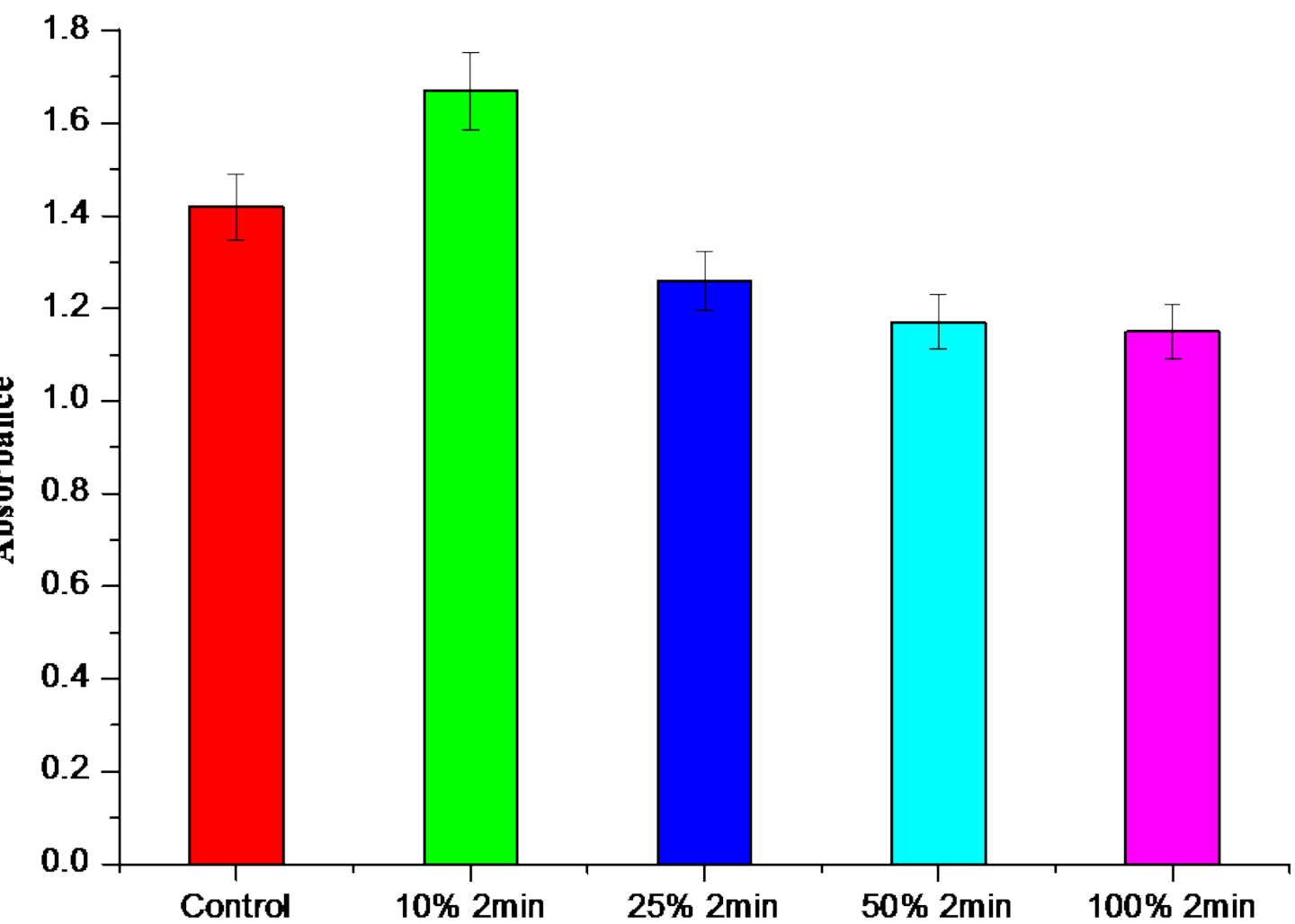


Table S1**WE**

Peak#	Ret.time	Area%	Name
1	11.784	1.85	Butane, 2,3-bis(trimethylsiloxy)-
2	12.823	3.27	Propanoic acid, 2-[(trimethylsilyl)oxy],trimethylsilyl ester
3	13.729	0.61	l-Valine, trimethylsilyl ester
4	16.748	1.2	l-Leucine, trimethylsilyl ester
5	17.332	0.73	l-Proline, trimethylsilyl ester
6	17.517	1.24	l-Isoleucine, trimethylsilyl ester
7	21.407	5.67	Trimethylsilyl ether of glycerol
8	21.794	1.66	l-Threonine, O-(trimethylsilyl)-, trimethylsilyl ester
9	22.394	8.09	Butanedioic acid, bis(trimethylsilyl) ester
10	28.071	0.95	Butane, 1,2,3,4-tetrakis[(trimethylsilyl)oxy]-
11	28.49	0.39	Alanine, phenyl-, trimethylsilyl ester, dl-
12	31.463	1.11	D-Arabinose, tetrakis(trimethylsilyl)-
13	32.372	0.49	Xylulose tetrakis(trimethylsilyl)-
14	33.131	16.38	Xylitol, 1,2,3,4,5-pentakis-O-(trimethylsilyl)-
15	35.184	0.51	D-Fructose, 1,3,4,5,6-pentakis-O-(trimethylsilyl)-
16	35.357	0.33	D-Ribo-Hexitol, 3-deoxy-1,2,4,5,6-pentakis-O (trimethylsilyl)-
17	35.76	0.5	.beta.-D-Galactofuranose, 1,2,3,5,6-pentakis-O-(trimethylsilyl)-
18	36.727	13.19	.alpha.-D-Glucopyranose, 1,2,3,4,6-pentakis-O-(trimethylsilyl)-
19	36.954	0.79	Glucopyranose, pentakis-O-trimethylsilyl-
20	37.506	14.27	Trimethylsilyl ether of glucitol
21	38.523	15.52	D-Glucose, 2,3,4,5,6-pentakis-O-(trimethylsilyl)-
22	40.593	2.51	D-Glucopyranose, 2-(acetylamino)-2-deoxy-1,3,4,6-tetrakis-O-(trimethylsilyl)-
23	46.3	1.16	Uridine, 2',3',5'-tris-O-(trimethylsilyl)-
24	49.739	7.58	.alpha.-D-Glucopyranoside, 1,3,4,6-tetrakis-O-(trimethylsilyl)- .beta.-D-fructofuranosyl 2,3,4,6-tetrakis-O-(trimethylsilyl)-

Table S2**WEBS**

Peak#	Ret.time	Area%	Name
1	12.763	0.23	Propanoic acid, 2-[(trimethylsilyl)oxy],trimethylsilyl ester
2	13.707	0.81	l-Valine, trimethylsilyl ester
3	14.703	1.14	l-Alanine, N-(trimethylsilyl)-, trimethylsilyl ester
4	15.431	0.33	Glycine, N-(trimethylsilyl)-, trimethylsilyl ester
5	16.715	1.37	l-Leucine, trimethylsilyl ester
6	17.311	0.85	l-Proline, trimethylsilyl ester
7	17.486	0.72	l-Isoleucine, trimethylsilyl ester
8	19.189	3.75	L-Valine, N-(trimethylsilyl)-, trimethylsilyl ester
9	22.329	0.73	Butanedioic acid, bis(trimethylsilyl) ester
10	23.312	0.49	2-Butenedioic acid (E)-, bis(trimethylsilyl) ester
11	23.938	0.55	Serine tritms
12	24.71	1.38	N,O,O-Tris(trimethylsilyl)-L-threonine
13	27.397	1.88	DL-Malic acid, O-trimethylsilyl-, bis(trimethylsilyl) ester
14	28.071	1.6	Butane, 1,2,3,4-tetrakis[(trimethylsilyl)oxy]-
15	28.5	1.73	Alanine, phenyl-, trimethylsilyl ester, dl-
16	30.564	1.25	N,O-Bis-(trimethylsilyl)phenylalanine
17	31.455	0.69	D-Arabinose, tetrakis(trimethylsilyl)-
18	33.133	10.5	Xylitol, 1,2,3,4,5-pentakis-O-(trimethylsilyl)-
19	33.925	1.92	Phosphoric acid, bis(trimethylsilyl) 2,3-bis[(trimethylsilyl)oxy]propyl ester
20	35.087	2.25	2-Keto-d-gluconic acid, pentakis(O-trimethylsilyl)-
21	35.19	3.12	D-Fructose, 1,3,4,5,6-pentakis-O-(trimethylsilyl)-
22	35.359	0.53	D-Ribo-Hexitol, 3-deoxy-1,2,4,5,6-pentakis-O-(trimethylsilyl)-
23	36.112	3.1	Tyrosine, O-trimethylsilyl-, trimethylsilyl ester
24	36.723	15.86	.alpha.-D-Glucopyranose, 1,2,3,4,6-pentakis-O-(trimethylsilyl)-
25	36.951	0.76	D-Glucose, 2,3,4,5,6-pentakis-O-(trimethylsilyl)-
26	37.516	12.85	Trimethylsilyl ether of glucitol
27	38.523	20.21	Glucopyranose, pentakis-O-trimethylsilyl-
28	39.059	0.5	Hexadecanoic acid, trimethylsilyl ester
29	40.578	1.72	D-Glucopyranose, 2-(acetylamino)-2-deoxy-1,3,4,6-tetrakis-O-(trimethylsilyl)-
30	42.016	0.84	9,12-Octadecadienoic acid (Z,Z)-, trimethylsilyl ester
31	42.133	0.86	Tryptophan, bis(trimethylsilyl)-
32	46.318	3.62	Uridine, 2',3',5'-tris-O-(trimethylsilyl)-
33	48.246	0.29	Hexadecanoic acid, 2,3-bis[(trimethylsilyl)oxy]propyl ester
34	49.722	1.57	alpha.-D-Glucopyranoside, 1,3,4,6-tetrakis-O-(trimethylsilyl)-.beta.-D-fructofuranosyl 2,3,4,6-tetrakis-O-(trimethylsilyl)-

Table S3**WEPUS**

Peak#	Ret.time	Area%	Name
1	21.388	5.53	Trimethylsilyl ether of glycerol
2	22.333	2.77	Butanedioic acid, bis(trimethylsilyl) ester
3	23.311	1.91	2-Butenedioic acid (E)-, bis(trimethylsilyl) ester
4	25.929	3.11	(R*,S*)-3,4-Dihydroxybutanoic acid triTMS
5	27.398	6.38	DL-Malic acid, O-trimethylsilyl , bis(trimethylsilyl) ester
6	28.063	0.76	Butane, 1,2,3,4-tetrakis[(trimethylsilyl)oxy]-
7	30.254	0.39	D-Erythro-Pentitol, 2-deoxy-1,3,4,5-tetrakis-O-(trimethylsilyl)-
8	31.451	1.2	D-Arabinose, tetrakis(trimethylsilyl)-
9	31.745	0.37	D-Ribose, 2,3,4,5-tetrakis-O-(trimethylsilyl)-
10	31.919	0.66	Mannose, 6-deoxy-2,3,4,5-tetrakis-O-(trimethylsilyl)-, L-
11	33.133	17.4	Xylitol, 1,2,3,4,5-pentakis-O-(trimethylsilyl)-
12	34.355	0.21	D-Glucitol, 6-deoxy-1,2,3,4,5-pentakis-O-(trimethylsilyl)-
13	35.349	0.79	D-Ribo-Hexitol, 3-deoxy-1,2,4,5,6-pentakis-O-(trimethylsilyl)-
14	35.749	1.15	.beta.-D-Galactofuranose, 1,2,3,5,6-pentakis-O-(trimethylsilyl)-
15	36.043	1.44	D-Xylose, tetrakis(trimethylsilyl)-
16	36.718	20.73	.alpha.-D-Glucopyranose, 1,2,3,4,6-pentakis-O-(trimethylsilyl)-
17	36.939	2.8	D-Glucose, 2,3,4,5,6-pentakis-O-(trimethylsilyl)-
18	38.522	26.72	Glucopyranose, pentakis-O-trimethylsilyl-
19	40.467	0.36	Inositol, 1,2,3,4,5,6-hexakis-O-(trimethylsilyl)-, scyllo-
20	40.573	2.35	D-Glucopyranose, 2-(acetylamino)-2-deoxy-1,3,4,6-tetrakis-O-(trimethylsilyl)-
21	40.712	0.85	Galactose, 2-(acetylamino)-2-deoxy-3,4,5,6-tetrakis-O-(trimethylsilyl)-
22	46.293	1.93	Uridine, 2',3',5'-tris-O-(trimethylsilyl)-
23	48.245	0.19	Hexadecanoic acid, 2,3-bis[(trimethylsilyl)oxy]propyl ester

Table S4

Peak#	Ret.time	Area%	Name
1	13.556	80.11	Butanoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester
2	35.190	1.30	Tetradecanoic acid, trimethylsilyl ester
3	39.035	1.81	Hexadecanoic acid, trimethylsilyl ester
4	42.562	1.64	Octadecanoic acid, trimethylsilyl ester
5	47.498	9.09	1,2-Benzenedicarboxylic acid, diisooctyl ester
6	48.253	2.94	Hexadecanoic acid, 2,3-bis[(trimethylsilyl)oxy] propyl ester
7	51.032	3.11	Octadecanoic acid, 2,3-bis[(trimethylsilyl)oxy]propyl ester

Table S5

Peak#	Ret.time	Area%	Name
1	11.856	33.64	Butane, 2,3-bis(trimethylsiloxy)-
2	13.681	57.68	Butanoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester
3	31.294	0.33	1-Tridecanol, tert-butyldimethylsilyl ether
4	37.506	1.10	D-Mannitol, 1,2,3,4,5,6-hexakis-O-(trimethylsilyl)-
5	38.499	0.90	Glucopyranose, pentakis-O-trimethylsilyl-
6	39.047	0.83	Hexadecanoic acid, trimethylsilyl ester
7	42.034	1.24	9,12-Octadecadienoic acid (Z,Z)-, trimethylsilyl ester
8	42.571	0.41	Octadecanoic acid, trimethylsilyl ester
9	47.506	2.04	1,2-Benzenedicarboxylic acid, diisooctyl ester
10	48.265	0.77	Hexadecanoic acid, 2,3-bis[(trimethylsilyl)oxy]propyl ester
11	49.739	1.06	.alpha.-D-Glucopyranoside, 1,3,4,6-tetrakis-O-(trimethylsilyl)-.beta.-D-fructofuranosyl 2,3,4,6-tetrakis-O-(trimethylsilyl)-

Table S6

Peak#	Ret.time	Area%	Name
1	13.529	48.20	Butanoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester
2	39.037	8.81	Hexadecanoic acid, trimethylsilyl ester
3	41.046	2.86	Octadecane, 1-trimethylsilyloxy-
4	42.023	4.97	9,12-Octadecadienoic acid (Z,Z)-, trimethylsilyl ester
5	42.560	7.20	Octadecanoic acid, trimethylsilyl este
6	47.491	12.70	1,2-Benzenedicarboxylic acid, diisooctyl ester
7	48.255	7.68	Hexadecanoic acid, 2,3-bis[(trimethylsilyl)oxy] propyl ester
8	51.036	7.58	Octadecanoic acid, 2,3-bis[(trimethylsilyl)oxy]propyl ester

Supporting File Captions

Fig. S1. Total viable count of bacteria treated with WE against A: *Pseudomonas aeruginosa*; B: *Streptococcus mutans*.

Fig S2. Optimization of probe ultrasonication conditions on the inhibition of *S.mutans* using M3 extracts

Table S1. GC-MS spectra of WE diluted in ethanol.

Table S2 GC-MS spectra of WEBS diluted in ethanol

Table S3 GC-MS spectra of WEPUS diluted in ethanol

Table S4. GC-MS spectra of WE diluted in chloroform.

Table S5. GC-MS spectra of WEBS diluted in chloroform.

Table S6. GC-MS spectra of WEPUS diluted in chloroform