

**Supplementary Data 4: Effect of glucose and sucrose supplementation in different concentration over biofilm formation by proposed method**

Serial number	OD at glucose (55.55 mM)	OD at glucose (111.11 mM)	OD at glucose (222.22 mM)	OD at glucose (333.33 mM)	OD at sucrose (29.23 mM)	OD at sucrose (58.47 mM)	OD at sucrose (116.92 mM)	OD at sucrose (175.38 mM)	OD without any sugar
1	0.359	0.362	0.397	0.411	0.352	0.359	0.361	0.363	0.253
2	0.371	0.379	0.403	0.415	0.37	0.378	0.382	0.382	0.298
3	0.83	0.851	0.897	0.898	0.829	0.828	0.837	0.836	0.827
4	0.594	0.613	0.679	0.679	0.591	0.626	0.631	0.629	0.594
5	0.598	0.613	0.627	0.629	0.597	0.609	0.613	0.613	0.595
6	2.013	2.097	2.169	2.182	2.009	2.017	2.157	2.161	2.006
7	0.431	0.472	0.498	0.498	0.441	0.463	0.469	0.469	0.269
8	0.383	0.397	0.418	0.423	0.381	0.398	0.419	0.417	0.376
9	0.612	0.619	0.647	0.649	0.619	0.638	0.641	0.639	0.606
10	0.367	0.371	0.383	0.385	0.368	0.378	0.378	0.373	0.36
11	0.447	0.451	0.468	0.467	0.445	0.458	0.456	0.46	0.445
12	0.581	0.589	0.596	0.598	0.581	0.587	0.591	0.589	0.579
13	1.781	1.792	1.851	1.857	1.737	1.793	1.797	1.787	1.715
14	1.673	1.681	1.837	1.838	1.669	1.783	1.769	1.719	1.667
15	1.405	1.521	1.581	1.589	1.459	1.539	1.517	1.514	1.404
16	1.636	1.641	1.724	1.729	1.633	1.685	1.639	1.646	1.631
17	0.713	0.727	0.893	0.854	0.722	0.849	0.798	0.824	0.697
18	1.139	1.142	1.267	1.249	1.131	1.187	1.191	1.159	1.13
19	1.362	1.367	1.457	1.413	1.356	1.394	1.369	1.373	1.351
20	1.616	1.621	1.763	1.753	1.61	1.735	1.714	1.719	1.606
21	1.049	1.057	1.126	1.129	1.024	1.098	1.107	1.108	1.024
22	1.476	1.491	1.587	1.551	1.462	1.498	1.463	1.469	1.462
23	0.831	0.837	0.869	0.865	0.829	0.854	0.856	0.856	0.827
24	0.618	0.621	0.659	0.657	0.616	0.643	0.643	0.643	0.614
25	0.613	0.628	0.643	0.648	0.599	0.629	0.634	0.631	0.428
26	0.669	0.673	0.741	0.743	0.668	0.724	0.729	0.726	0.666
27	0.729	0.732	0.791	0.793	0.726	0.751	0.757	0.759	0.726
28	0.249	0.257	0.353	0.361	0.247	0.339	0.327	0.318	0.247
29	0.912	0.933	0.967	0.971	0.917	0.958	0.961	0.964	0.901
30	0.224	0.239	0.297	0.291	0.225	0.231	0.263	0.261	0.22
31	0.331	0.348	0.409	0.417	0.329	0.389	0.396	0.394	0.325
32	0.206	0.218	0.237	0.263	0.201	0.214	0.269	0.268	0.194
33	0.670	0.677	0.729	0.732	0.668	0.687	0.693	0.691	0.663
34	0.321	0.329	0.441	0.452	0.318	0.396	0.379	0.379	0.318
35	0.311	0.319	0.458	0.461	0.313	0.321	0.436	0.438	0.306
36	0.241	0.249	0.354	0.355	0.236	0.327	0.33	0.331	0.236
37	0.934	0.941	1.027	1.033	0.934	0.987	0.997	0.989	0.927
38	0.239	0.243	0.328	0.331	0.235	0.306	0.314	0.31	0.233
39	0.352	0.357	0.373	0.362	0.352	0.351	0.362	0.362	0.349
40	0.289	0.297	0.309	0.316	0.282	0.287	0.304	0.306	0.28
41	0.311	0.324	0.331	0.334	0.307	0.319	0.327	0.329	0.301
42	0.337	0.342	0.425	0.429	0.336	0.391	0.397	0.395	0.329
43	0.334	0.357	0.478	0.481	0.331	0.437	0.442	0.442	0.328
44	0.159	0.172	0.269	0.273	0.159	0.247	0.253	0.251	0.153
45	0.181	0.187	0.194	0.196	0.176	0.182	0.189	0.193	0.174
46	0.434	0.497	0.583	0.59	0.434	0.517	0.523	0.524	0.428
47	0.369	0.376	0.458	0.462	0.367	0.427	0.439	0.443	0.362
48	0.478	0.487	0.512	0.523	0.475	0.489	0.516	0.516	0.472
49	0.775	0.813	0.871	0.883	0.771	0.828	0.841	0.84	0.768
50	0.379	0.385	0.436	0.447	0.374	0.414	0.415	0.415	0.303
51	0.196	0.265	0.305	0.313	0.183	0.287	0.298	0.301	0.174
52	0.219	0.227	0.231	0.239	0.211	0.221	0.229	0.226	0.211

*Contd...*

**Supplementary Data 4: Contd...**

<b>Serial number</b>	<b>OD at glucose (55.55 mM)</b>	<b>OD at glucose (111.11 mM)</b>	<b>OD at glucose (222.22 mM)</b>	<b>OD at glucose (333.33 mM)</b>	<b>OD at sucrose (29.23 mM)</b>	<b>OD at sucrose (58.47 mM)</b>	<b>OD at sucrose (116.92 mM)</b>	<b>OD at sucrose (175.38 mM)</b>	<b>OD without any sugar</b>
53	0.168	0.172	0.187	0.187	0.163	0.168	0.183	0.184	0.157
54	0.181	0.251	0.293	0.309	0.179	0.264	0.281	0.281	0.172
55	0.157	0.237	0.27	0.276	0.153	0.249	0.261	0.268	0.144
56	0.151	0.231	0.272	0.272	0.149	0.243	0.251	0.251	0.141
57	0.188	0.241	0.279	0.287	0.19	0.252	0.26	0.264	0.187
58	0.419	0.496	0.571	0.58	0.412	0.511	0.52	0.523	0.409
59	0.569	0.581	0.617	0.619	0.566	0.593	0.606	0.609	0.563
60	0.217	0.226	0.239	0.241	0.222	0.222	0.236	0.241	0.199
61	0.638	0.649	0.686	0.689	0.621	0.642	0.661	0.659	0.627
62	1.993	2.021	2.124	2.117	1.972	2.094	2.121	2.112	1.961
63	0.589	0.597	0.609	0.615	0.582	0.592	0.604	0.601	0.577
64	0.202	0.211	0.218	0.216	0.2	0.209	0.21	0.214	0.197

OD: Optical density