

Table S2: Laboratory Experiment of Spirulina's Antimicrobial Power in Total Coliform and *Staphylococcus aureus* Isolated from fresh Tilapia Fillet

	inputs								
ID	E	CC	C1	C24	C48	SC	S1	S24	S48
A1	0.5	102	42	37	0	95	9	3	0
A2	0.5	102	23	15	0	95	8	5	0
A3	0.5	102	22	15	0	95	17	14	0
A4	0.5	102	25	10	0	95	10	1	0
A5	0.5	102	20	17	0	95	2	7	0
A6	0.5	117	98	74	29	55	41	23	17
A7	0.5	123	113	82	33	15	9	1	1
A8	0.5	93	80	57	23	10	2	1	1
A9	0.5	91	82	59	24	65	42	18	13
A10	0.5	256	200	136	54	19	5	1	1
A11	0.5	51	45	32	13	5	1	1	1
A12	0.5	200	180	130	52	23	17	10	5
A13	0.5	78	70	51	20	122	100	74	41
A14	0.5	116	100	71	28	155	121	87	51
A15	0.5	201	158	108	43	100	78	51	27
A16	0.5	107	100	82	54	64	52	35	15
A17	0.5	90	78	67	47	112	86	67	11
A18	0.5	189	163	123	78	122	95	62	7
A19	0.5	230	155	123	89	74	59	35	23
A20	0.5	280	244	158	35	71	57	32	15
A21	0.5	114	100	78	54	52	42	31	10
A22	0.5	248	210	138	45	44	32	22	12
A23	0.5	328	300	245	138	87	72	42	29
A24	0.5	230	223	172	78	88	62	31	19
A25	0.5	159	152	92	27	114	82	57	24
B1	1	120	13	5	0	184	5	0	0
B2	1	120	17	23	0	184	21	0	0
B3	1	120	27	17	0	184	13	0	0
B4	1	120	15	9	0	184	12	0	0
B5	1	120	22	41	0	184	19	0	0
B6	1	70	54	25	12	44	21	12	7
B7	1	113	89	55	38	22	4	2	0
B8	1	15	8	5	3	55	26	18	13
B9	1	14	8	5	2	33	24	17	7
B10	1	22	18	10	7	72	51	33	17
B11	1	190	38	67	33	12	13	0	0
B12	1	200	182	70	35	2	10	0	3
B13	1	70	58	25	12	9	3	0	0

B14	1	74	59	26	13	1	3	0	0
B15	1	190	77	32	16	1	6	0	0
B16	1	174	160	112	72	73	51	19	2
B17	1	183	145	95	45	55	25	12	3
B18	1	88	58	31	18	34	24	12	2
B19	1	146	128	75	25	28	15	9	6
B20	1	110	105	41	34	55	32	12	10
B21	1	280	254	170	100	88	55	22	13
B22	1	161	138	89	59	71	56	47	25
B23	1	184	65	55	41	53	42	34	25
B24	1	168	153	83	37	82	73	35	25
B25	1	164	135	100	68	70	48	31	17
C1	5	72	19	5	0	160	4	1	0
C2	5	72	37	20	0	160	5	0	0
C3	5	72	42	19	0	160	4	0	0
C4	5	72	18	5	0	160	2	0	0
C5	5	72	12	8	0	160	17	0	0
C6	5	289	163	28	5	5	2	0	1
C7	5	290	158	27	3	71	1	1	0
C8	5	298	151	31	13	7	1	8	0
C9	5	250	112	29	13	2	1	0	0
C10	5	270	105	51	12	60	0	3	0
C11	5	63	42	13	2	15	0	1	0
C12	5	148	98	7	5	40	21	10	8
C13	5	108	72	10	3	27	15	12	7
C14	5	68	32	5	2	29	0	3	0
C15	5	74	52	7	2	44	34	22	16
C16	5	163	121	75	35	23	20	12	8
C17	5	117	85	54	27	51	32	21	13
C18	5	123	89	71	28	11	3	2	1
C19	5	131	82	47	32	37	23	13	5
C20	5	177	71	54	21	29	15	10	3
C21	5	116	88	58	24	62	41	18	15
C22	5	123	82	72	33	23	10	5	4
C23	5	110	74	59	21	37	29	12	1
C24	5	57	37	21	15	9	3	4	3
C25	5	121	75	52	18	51	23	13	5

Legend for the Supplementary Table (Table S1)

	ID	Input designation	E	Extract (w/v)
	CC	Total Coliform control	SC	<i>Staphylococcus aureus</i> control
	C1	Total Coliform after 1h	S1	<i>Staphylococcus aureus</i> after 1h
	C24	Total Coliform after 24h	S24	<i>Staphylococcus aureus</i> after 24h
	C48	Total Coliform after 48h	S48	<i>Staphylococcus aureus</i> after 48h