

Table S4 A: Antimicrobial activity of Total plant Extract against *Stapylococcus aureus*

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	91.25	2.10
6.25	79.35	1.20
3.13	62.14	0.77
1.56	49.38	1.02
0.75	25.13	1.30
0.39	11.20	0.00
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	10.71	
MIC($\mu\text{g/ml}$)	25	

Table S4 B: Antimicrobial activity of Plant Extract against *Streptococcus mutans*

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	86.50	1.20
12.5	69.88	0.58
6.25	52.14	0.72
3.13	38.16	1.50
1.56	12.34	2.10
0.75	7.32	0.72
0.39	0.00	0.00
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	31.48	
MIC($\mu\text{g/ml}$)	50	

Table S4 C: Antimicrobial activity of Plant Extract against
Escherichia coli

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	90.31	0.63
6.25	73.25	1.20
3.13	61.37	0.58
1.56	49.32	2.10
0.75	18.35	1.30
0.39	8.31	1.20
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	12.1	
MIC($\mu\text{g/ml}$)	25	

Table S4 D: Antimicrobial activity of Plant Extract against
Pseudomonas aeruginosa

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	90.35	2.10
50	69.34	1.60
25	52.17	0.72
12.5	38.38	1.50
6.25	22.60	1.30
3.13	9.35	0.58
1.56	0.00	0.00
0.75	0.00	0.00
0.39	0.00	0.00
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	99.16	
MIC($\mu\text{g/ml}$)	>100	

Table S4 E: Antimicrobial activity of Plant Extract against *Candida albicans*

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	82.14	0.63
12.5	68.42	1.50
6.25	47.69	2.10
3.13	31.52	0.63
1.56	15.37	2.1
0.75	6.31	0.58
0.39	0.00	0.00
0	0.00	0.00
MIC90 (µg/ml)	36.0	
MIC(µg/ml)	50	

Table S4 F: Antimicrobial activity of Plant Extract against *Aspergillus fumigatus*

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	56.31	1.50
50	38.21	0.58
25	21.37	2.10
12.5	9.35	1.30
6.25	0.00	0.00
3.13	0.00	0.00
1.56	0.00	0.00
0.75	0.00	0.00
0.39	0.00	0.00
0	0.00	0.00
MIC90 (µg/ml)	>100	
MIC(µg/ml)	>100	

Table S4 g: Antimicrobial activity of fungus Extract against *Staphylococcus aureus*

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	100.00	0.00
6.25	100.00	0.00
3.13	90.14	0.58
1.56	79.49	2.1
0.75	36.38	0.72
0.39	17.32	1.30
0	0.00	0.00
MIC90 (µg/ml)	3.08	
MIC(µg/ml)	6.25	

Table S4 H: Antimicrobial activity of fungus Extract against *Streptococcus mutans*

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	100.00	0.00
6.25	81.35	0.92
3.13	66.42	0.69
1.56	54.31	1.50
0.75	26.34	0.92
0.39	18.1	1.30
0	0.00	0.00
MIC90 (µg/ml)	9.14	
MIC(µg/ml)	12.5	

Table S4 I : Antimicrobial activity of fungus Extract against
Escherichia coli

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	100.00	0.00
6.25	100.00	0.00
3.13	86.34	0.86
1.56	71.25	1.50
0.75	46.91	2.63
0.39	29.35	1.50
0	0.00	0.00
MIC90 (µg/ml)	3.96	
MIC(µg/ml)	6.25	

Table S4 J: Antimicrobial activity of fungus Extract against
Pseudomonas aeruginosa

Sample conc. (µg/ml)	Mean of growth inhibitory%	S.D.
100	100	0.00
50	100	0.00
25	84.3	1.63
12.5	65.31	1.20
6.25	52.14	2.10
3.13	26.34	0.92
1.56	10.35	1.30
0.75	0.00	0.00
0.39	0.00	0.00
0	0.00	0.00
MIC90 (µg/ml)	34.07	
MIC(µg/ml)	50	

Table S4 K: Antimicrobial activity of fungus Extract against *Aspergillus fumigatus*

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	86.30	1.50
12.5	71.35	0.92
6.25	54.62	1.30
3.13	29.15	1.60
1.56	16.32	2.10
0.75	0.00	0.00
0.39	0.00	0.00
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	31.75	
MIC($\mu\text{g/ml}$)	50	

Table S4 L: Antimicrobial activity of fungus Extract against *Candida albicans*

Sample conc. ($\mu\text{g/ml}$)	Mean of growth inhibitory%	S.D.
100	100.00	0.00
50	100.00	0.00
25	100.00	0.00
12.5	100.00	0.00
6.25	91.35	0.63
3.13	73.52	0.92
1.56	53.47	1.50
0.75	33.28	1.30
0.39	16.34	0.63
0	0.00	0.00
MIC90 ($\mu\text{g/ml}$)	5.27	
MIC($\mu\text{g/ml}$)	12.5	

Table S4 M: Antimicrobial activity of Fungus fraction 1

Sample conc. ($\mu\text{g/ml}$)	<i>Pseudomonas aeruginosa</i>	<i>staphylococcus aureus</i>	<i>Streptococcus mutans</i>	<i>Escherichia coli</i>	<i>Candida albicans</i>
125	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
62.5	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
31.25	83.25 \pm 1.5	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
15.63	65.12 \pm 0.92	100 \pm 0.00	90.15 \pm 1.3	100 \pm 0.00	79.35 \pm 1.5
7.81	43.28 \pm 1.3	93.25 \pm 1.5	66.35 \pm 0.63	100 \pm 0.00	51.32 \pm 1.3
3.9	18.85 \pm 0.58	61.25 \pm 2.1	42.15 \pm 1.3	90.35 \pm 0.72	30.25 \pm 0.63
1.95	6.32 \pm 1.2	32.15 \pm 1.3	20.35 \pm 1.2	72.65 \pm 0.63	15.36 \pm 1.3
0.98	0 \pm 0.00	21.32 \pm 0.92	14.63 \pm 1.3	50.32 \pm 1.5	9.32 \pm 0.72
0	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00
MIC	62.5	15.63	31.25	7.81	31.25

Table S4 N: Antimicrobial activity of Fungus fraction 2

Sample conc. (µg/ml)	<i>Pseudomonas aeruginosa</i>	<i>staphylococcus aureus</i>	<i>Streptococcus mutans</i>	<i>Escherichia coli</i>	<i>Candida albicans</i>
125	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
62.5	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
31.25	76.32± 0.58	92.13± 0.63	100± 0.00	100± 0.00	100± 0.00
15.63	60.39± 2.1	73.15± 1.5	90.35± 0.58	100± 0.00	83.22± 1.2
7.81	39.29± 1.2	56.32± 1.3	72.14± 2.1	80.96± 1.3	65.38± 0.72
3.9	21.96± 0.63	32.98± 0.92	61.35± 0.63	59.32± 2.1	43.25± 0.63
1.95	10.36± 2.1	19.32± 0.58	49.92± 1.5	26.35± 0.92	32.14± 1.5
0.98	0± 0.00	8.16± 1.5	22.13± 1.2	14.33± 1.3	19.35± 0.58
0	0± 0.00	0± 0.00	0± 0.00	0± 0.00	0± 0.00
MIC	62.5	62.5	31.25	15.63	31.25

Table S4 O: Antimicrobial activity of Fungus fraction 3

Sample conc. ($\mu\text{g/ml}$)	<i>Pseudomonas aeruginosa</i>	<i>staphylococcus aureus</i>	<i>Streptococcus mutans</i>	<i>Escherichia coli</i>	<i>Candida albicans</i>
125	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
62.5	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
31.25	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
15.63	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00
7.81	86.35 \pm 0.58	100 \pm 0.00	100 \pm 0.00	100 \pm 0.00	82.35 \pm 0.58
3.9	52.14 \pm 0.92	91.35 \pm 0.92	100 \pm 0.00	88.65 \pm 1.3	66.92 \pm 1.5
1.95	31.45 \pm 1.6	63.25 \pm 2.1	91.32 \pm 1.3	70.14 \pm 1.5	41.09 \pm 0.63
0.98	15.94 \pm 1.3	41.98 \pm 0.92	68.95 \pm 0.92	58.32 \pm 2.1	22.83 \pm 0.92
0	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00	0 \pm 0.00
MIC	15.63	7.81	3.9	7.81	15.63

Table S4 P: Antimicrobial activity of Dihydroauroglucin

Sample conc. (µg/ml)	<i>Pseudomonas aeruginosa</i>	<i>staphylococcus aureus</i>	<i>Streptococcus mutans</i>	<i>Escherichia coli</i>	<i>Candida albicans</i>
125	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
62.5	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
31.25	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
15.63	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
7.81	100± 0.00	100± 0.00	100± 0.00	100± 0.00	100± 0.00
3.9	82.15± 0.92	100± 0.00	100± 0.00	100± 0.00	100± 0.00
1.95	43.21 ± 1.6	92.14± 0.92	100± 0.00	100± 0.00	86.34± 2.1
0.98	21.35± 1.3	69.89± 2.1	93.32± 1.5	86.35± 0.58	56.32± 1.3
0	0± 0.00	0± 0.00	0± 0.00	0± 0.00	0± 0.00
MIC	7.81	3.9	1.95	1.95	3.9

S4 file: Tables of MICs values for antimicrobial activities using microdilution

assay