

Table 1 PEE effect on biofilm formation: number of isolates, and respective percentage, and mean inhibition percentage by species for each PEE.

Isolates/Species	<i>S. aureus</i>	<i>S. auricularis</i>	<i>S. caprae</i>	<i>S. capitis</i>	<i>S. chromogenes</i>	<i>S. epidermidis</i>	<i>S. simulans</i>	<i>S. warneri</i>	Total N/Mean %
N	26	3	1	1	7	1	2	4	45
Inhibited by PEE Green (N)	20	3	1	0	5	1	2	3	35
Inhibited isolates (%)	76.9	100.0	100.0	0.0	71.4	100.0	100.0	75.0	80.6
% of Inhibition	88.8	73.6	100.0	0.0	85.4	65.1	56.9	76.4	83.8
Inhibited by PEE Red1 (N)	24	3	1	0	5	1	2	4	40
Inhibited isolates (%)	92.3	100.0	100.0	0.0	71.4	100.0	100.0	100.0	91.8
% of Inhibition	85.7	59.3	80.3	0.0	56.8	62.0	85.5	54.0	76.2
Inhibited by PEE Red2 (N)	23	2	1	1	6	1	1	3	38
Inhibited isolates (%)	88.5	66.7	100.0	100.0	85.7	100.0	50.0	75.0	85.7
% of Inhibition	85.8	92.1	81.0	80.3	91.0	95.1	98.5	71.7	86.1
Inhibited by PEE Brown1 (N)	24	3	1	0	7	1	2	3	41
Inhibited isolates (%)	92.3	100.0	100.0	0.0	100.0	100.0	100.0	75.0	93.7
% of Inhibition	82.6	97.1	98.9	0.0	72.9	96.3	68.2	62.8	80.5
Inhibited by PEE Brown2 (N)	26	2	1	0	7	1	2	3	42
Inhibited isolates (%)	100.0	66.7	100.0	0.0	100.0	100.0	100.0	75.0	96.6
% of Inhibition	88.6	86.4	79.9	0.0	85.9	79.0	91.6	62.1	85.9
Inhibited by PEE Brown3 (N)	25	3	1	1	7	1	2	3	43
Inhibited isolates (%)	96.2	100.0	100.0	100.0	100.0	100.0	100.0	75.0	96.0
% of Inhibition	78.5	91.5	99.5	82.9	83.3	69.9	83.8	77.8	80.8
Inhibited by PEE Brown4 (N)	0	0	0	0	0	0	0	0	0
Inhibited isolates (%)	0	0	0	0	0	0	0	0	0.0
% of Inhibition	0	0	0	0	0	0	0	0	0.0
Inhibited by PEE Brown5 (N)	23	1	1	0	7	1	0	1	34
Inhibited isolates (%)	88.5	33.3	100.0	0.0	100.0	100.0	0.0	25.0	88.1
% of Inhibition	84.2	48.0	90.7	0.0	64.5	89.8	0.0	50.5	78.5
Inhibited by PEE Brown6 (N)	16	1	1	0	5	0	2	3	28
Inhibited isolates (%)	61.5	33.3	100.0	0.0	71.4	0.0	100.0	75.0	67.8
% of Inhibition	54.4	85.2	81.1	0.0	47.2	0.0	40.0	40.6	52.6
Inhibited by PEE Brown7 (N)	21	1	1	0	6	1	2	2	34
Inhibited isolates (%)	80.8	33.3	100.0	0.0	85.7	100.0	100.0	50.0	80.7
% of Inhibition	78.4	34.5	61.2	0.0	53.9	63.5	75.9	67.2	71.0

Table 2 PEE effect on established biofilms: number of isolates, and respective percentage, and mean activity percentage on biofilm disruption by species for each PEE.

Isolates/Species	<i>S. aureus</i>	<i>S. auricularis</i>	<i>S. caprae</i>	<i>S. capitis</i>	<i>S. chromogenes</i>	<i>S. epidermidis</i>	<i>S. simulans</i>	<i>S. warneri</i>	Total N/Mean %
N	26	3	1	1	7	1	2	4	45
Affected by PEE Green (N)	19	3	1	1	6	1	2	3	36
Affected isolates (%)	73.0	100.0	100.0	100.0	85.7	100.0	100.0	75.0	81.3
% of Disruption	93.4	23.3	58.6	100.0	95.5	100.0	100.0	68.9	85.6
Affected by PEE Red1 (N)	20	1	1	0	5	1	1	3	32
Affected isolates (%)	76.9	33.3	100.0	0.0	71.4	100.0	50.0	75.0	75.1
% of Disruption	70.7	54.9	98.0	0.0	97.1	79.3	100.0	96.3	78.7
Affected by PEE Red2 (N)	19	3	1	1	5	1	2	4	36
Affected isolates (%)	73.0	100.0	100.0	100.0	71.4	100.0	100.0	100.0	81.8
% of Disruption	62.8	74.2	85.6	73.1	66.9	100.0	98.7	90.1	71.3
Affected by PEE Brown1 (N)	12	2	1	0	6	1	2	2	26
Affected isolates (%)	46.1	66.6	100.0	0.0	85.7	100.0	100.0	50.0	65.4
% of Disruption	32.0	86.2	83.6	0.0	65.9	87.2	70.3	36.8	51.4
Affected by PEE Brown2 (N)	23	2	1	0	7	0	2	3	38
Affected isolates (%)	88.4	66.6	100.0	0.0	100.0	0.0	100.0	75.0	89.2
% of Disruption	94.4	52.2	81.3	0.0	91.5	0.0	100.0	100.0	92.0
Affected by PEE Brown3 (N)	16	2	1	1	6	1	2	3	32
Affected isolates (%)	61.5	66.6	100.0	100.0	85.7	100.0	100.0	75.0	73.6
% of Disruption	40.9	81.4	75.9	29.1	71.0	62.4	84.3	45.6	53.6
Affected by PEE Brown4 (N)	17	1	0	0	3	1	1	1	24
Affected isolates (%)	65.3	33.3	0.0	0.0	42.8	100.0	50.0	25.0	60.3
% of Disruption	84.1	100.0	0.0	0.0	100.0	100.0	73.6	95.9	87.5
Affected by PEE Brown5 (N)	14	1	1	0	7	0	2	3	28
Affected isolates (%)	53.8	33.3	100.0	0.0	100.0	0.0	100.0	75.0	71.8
% of Disruption	52.7	43.2	97.7	0.0	98.2	0.0	98.9	64.0	69.8
Affected by PEE Brown6 (N)	14	1	1	0	7	0	2	4	29
Affected isolates (%)	53.8	33.3	100.0	0.0	100.0	0.0	100.0	100.0	75.4
% of Disruption	70.8	41.3	99.8	0.0	99.1	0.0	100.0	91.5	82.5
Affected by PEE Brown7 (N)	20	2	1	1	6	0	2	4	36
Affected isolates (%)	76.9	66.6	100.0	100.0	85.7	0.0	100.0	100.0	82.9
% of Disruption	88.3	69.2	100.0	76.8	92.5	0.0	100.0	87.4	88.5