

Supplementary files (Table S1 and Figure S1)

Table S1. Statistical parameters of the correlation analysis between major chemical compounds and MIC/MBC values.

Tested strains		Rotundifolone	Carvacrol	Piperitenone	Cinerolon	Pulegone	Cis-Piperitone epoxide	Caryophyllene
<i>B. cereus</i>	Pearson correlation	-1.000**	0.655	0.500	-1.000**	-0.500	-0.982	-0.500
	Sig. (Two-tailed)	0.000	0.546	0.667	0.000	0.667	0.121	0.667
	N (Sample size)	3	3	3	3	3	3	3
<i>E. faecalis</i>	Pearson correlation	-0.500	0.982	-0.500	-0.500	0.500	-0.655	-1.000**
	Sig. (Two-tailed)	0.667	0.121	0.667	0.667	0.667	0.546	0.000
	N (Sample size)	3	3	3	3	3	3	3
<i>P. alcalifaciens</i>	Pearson correlation	-0.500	0.982	-0.500	-0.500	0.500	-0.655	-1.000**
	Sig. (Two-tailed)	0.667	0.121	0.667	0.667	0.667	0.546	0.000
	N (Sample size)	3	3	3	3	3	3	3
<i>S. agalactiae</i>	Pearson correlation	-0.500	0.982	-0.500	-0.500	0.500	-0.655	-1.000**

	Sig. (Two-tailed)	0.667	0.121	0.667	0.667	0.667	0.546	0.000
	N (Sample size)	3	3	3	3	3	3	3
<i>S. aureus</i>	Pearson correlation	-0.500	0.982	-0.500	-0.500	0.500	-0.655	-1.000**
	Sig. (Two-tailed)	0.667	0.121	0.667	0.667	0.667	0.546	0.000
	N (Sample size)	3	3	3	3	3	3	3
<i>S. typhi</i>	Pearson correlation	-0.500	0.982	-0.500	-0.500	0.500	-0.655	-1.000**
	Sig. (Two-tailed)	0.667	0.121	0.667	0.667	0.667	0.546	0.000
	N (Sample size)	3	3	3	3	3	3	3

Note*: Pearson correlation coefficients were calculated between the major chemical compounds and MIC/MBC values. Sig. (two-tailed) indicates the bilateral significance level, and N represents the number of observations used for each correlation.



Figure S1. Physical appearance of the extracted essential oil.