

## **Supplementary Materials**

### **Identification and evaluation of phytochemicals extracted from *Syzygium aromaticum* (L.) and *Cinnamomum zeylanicum* (L.) (L.) on some antibiotic-resistant bacteria**

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**Table S2.** Qualitative compound report in *S. aromaticum* plant extract with alcohol 96% GC-MS chromatography

No.	Name	Formula	RT	%
1	3-Hexanol	C6H14O	13.718	0.52
2	Phenol, 2-methoxy-4-(2-propenyl)- acetate	C12H14O3	33.150	97.66
3	Eicosane	C20H42	66.316	0.46
4	1H-Imidazole, 4,5-dihydro-2-(phenylmethyl)	C10H12N2	66.698	0.53
5	Tetracosane	C24H50	69.293	0.83
Total = 5 compounds				100

**Table S3** Qualitative compound identified in *S. aromaticum* plant aqueous extract used GC-MS chromatography.

No	Name	Formula	RT	%
1	Allyldimethylsilane	C5H12Si	13.746	0.15
2	Phenol, 2-methoxy-4-(2-propenyl)- acetate	C12H14O3	33.132	.957
3	Nonadecane	C24H38O4	54.022	0.20
4	1,2-Benzene dicarboxylic acid, bis(2-ethylhexyl) ester	C24H38O4	55.576	14.43
5	Phthalic acid, di(2-propylpentyl) ester	C26H26O4	55.771	45.97
6	Bis(2-ethylhexyl) phthalate	C24H38O4	55.879	22.33
7	n-Hexadecanoic acid	C16H32O2	56.262	0.53
8	Hexadecanoic acid, ethyl ester	C18H36O2	57.062	0.48
9	Eicosane	C20H42	60.440	0.45
10	9,12-Octadecadienoic acid (Z,Z)-	C18H32O2	61.652	0.52
11	OCTADEC-9-ENOIC ACID	C18H34O2	61.818	0.80
12	9-Octadecenoic acid, (E)-	C18H34O2	61.926	0.05
13	ETHYL (9Z,12Z)-9,12-OCTADECADIENO A TE	C20H36O2	62.263	0.72
14	Ethyl Oleate	C20H38O2	62.452	1.30
15	Heptadecanoic acid, 15-methyl- ethyl ester	C19H38O2	63.246	0.66
16	Octadecanoic acid, ethyl ester	C20H40O2	63.361	0.52
17	Tetradecanoic acid, ethyl ester	C16H32O2	63.441	0.67
18	1-Cyclohexylnonene	C15H28	66.155	0.25
19	Cyclohexane, 1,1'-(2-ethyl-1,3-propanediyl)bis-	C17H32	70.968	0.14
20	Nonacos-1-ene	C29H52	71.219	0.18
21	9-Tricosene, (Z)-	C23H46	71.248	0.08
Total = 21 compounds				100

**Table S4** Qualitative compound report in *C. zeylanicum* plant extract with alcohol solvent 96% by GC-MS chromatography

No.	Name	Formula	RT	%
1	Cyclohexane	C6H12	5.362	0.99
2	Benzene, methyl-	C7H8	7.339	0.49
3	3-Hexanol (CAS)	C6H14O	13.718	1.13
4	2-Pentene, 3-methyl-, (Z)-	C6H12	14.135	0.70
5	2-Propenal, 3-phenyl-	C9H8O	26.989	1.44
6	Cinnamaldehyde, (E)-	C9H8O	29.606	83.56
7	Eugenol	C12H14O	33.098	2.92
8	2-Propenal, 3-(2-methoxyphenyl)-	C10H10O2	40.648	2.68
9	9-Octadecenoic acid, 12-hydroxy-, methyl ester, [R-(Z)]-	C18H34O3	66.133	5.02
10	Nonanoic acid, dodecyl ester	C21H42O2	66.710	1.07
Total = 10 compounds				100

**Table S5** Qualitative compound report in *C. zeylanicum* plant aqueous extract with by GC-MS chromatography.

No.	Name	Formula	RT	%
1	Cyclohexane	C6H12	5.356	0.54
2	Toluene	C6H5CH3	7.339	3.49
3	Ethylbenzene	C8H10	10.266	1.03
4	Benzene, 1,3-dimethyl	C8H4Cl6	10.648	1.07
5	p-Xylene	C6H4(CH3)2	11.500	5.43
6	Atrolactic acid	C9H10O3	29.023	0.96
7	Cinnamaldehyde, (E)-	C9H8O	29.578	37.61
8	Eugenol	C12H14O	33.098	1.81
9	(+)-CYCLOISOSATIVENE	C15H24	33.898	1.02
10	Copaene	C15H24	34.127	8.85
11	1-Methoxy-7-methyl-3,4-dihydrobenz	C11H14O2	35.024	6.58
12	Caryophyllene	C15H24	36.127	3.38
13	6.alpha.-Cadina-4,9-diene, (-)-	C15H24	38.373	1.72
14	alpha.-Muurolene	C15H24	39.339	6.41
15	Phenol, 2-methoxy-4-(2-propenyl)-	C12H14O	39.854	2.29
16	.gamma.-Cadinene	C15H24	39.997	0.64
17	delta.-Cadinene	C15H24	40.128	4.91
18	Naphthalene, 1,2,3,4-tetrahydro-1,6-dimethyl-4-(1-methylethyl)	C15H22	40.322	2.67
19	(Z)-2-Methoxycinnamaldehyde	C10H10O2	40.654	1.63
20	CADINA-1,4-DIENE	C15H24	40.768	1.37
21	5,8-Dimethylisoquinoline	C11H11N	41.162	0.67
22	tau.-Muurolo	C15H26O	45.255	0.51
23	Anthranoilic acid, N-methyl-, butyl	C12H17NO2	64.487	0.24
24	(-)-Aristolene	C15H24	64.652	0.62
25	MDMA methylene homolog	C12H17NO2	64.835	1.34
26	8-Oxabicyclo[3.2.1]octan-1-ol, phenyl-	C13H16O2	64.887	0.96
27	1H-Cycloprop[e]azulene,	C11H8	64.995	0.37
28	4-tert-butylamphetamine	C13H21N	65.287	1.46
29	Benzene propanamine, .alpha.-methyl	C10H15N	65.327	0.26
30	4,11,11-TRIMETHYL-8-METHYLENEBICYC	C15H24	65.367	0.15
Total = 30 compounds				99.99