

1 **Support information**

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3 **Results**

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5 **Chemical composition**

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7 **Appendix 1.** Chemical composition of Chilean Laurel EO

Compounds	Van Den Dool and Kratz RI		Rel. abundance (%)	Methods of identifications
	Cal. RI	Ref. RI		
Linalool	1107	1107	0.47	RI, MS
$\alpha$ -Terpineol	1209	1210	0.25	RI, MS
Isoborneol	1155	1156	0.12	RI, MS
Terpinen-4-ol	1176	1176	0.05	RI, MS
L- $\alpha$ -Terpineol	1190	1192	0.60	RI, MS
Safrole	1289	1289	47.09	RI, MS
Methyleugenol	1405	1405	44.58	RI, MS
<i>allo</i> -Aromadendrene	1466	1465	0.11	RI, MS
$\alpha$ -copaene	1378	1378	1.03	RI, MS
Elemene	1493	1494	0.29	RI, MS
(-)-spathulenol	1575	1576	0.36	RI, MS
$\alpha$ -guaiene	1437	1437	0.05	RI, MS
cadina-1(10),4-diene	1520	1520	0.24	RI, MS
Longipinocarveol, trans	1617	1618	0.14	RI, MS
Spathulenol	1576	1576	2.04	RI, MS
Drimenol	1750	1750	0.72	RI, MS
Aromadendrene oxide-(2)	1678	1678	0.12	RI, MS
Hexadecanoic acid methyl ester	1938	1939	0.09	RI, MS
Octadecanoic acid methyl ester	2125	2126	0.08	RI, MS
Bis(2-ethylhexyl) isophthalate	2730	2730	0.28	RI, MS
<b>Total of identified compound (%)</b>			<b>98.71</b>	

8 Note: Compounds are listed in order of their retention. IR: retention index

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11 **Appendix 2.** Antimicrobial activity expressed as diameter of inhibition (mm) of  
 12 Chilean laurel EO against bacterial strains.

Microorganisms	Inhibition zone
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		(mm ± RSD <sup>a</sup> )
	<i>Acinetobacter baumannii</i> ATCC 19606	10.0 ± 0.5
	<i>Proteus vulgaris</i> ATCC 8427	6.9 ± 0.3
	<i>Enterobacter aerogenes</i> ATCC 13048	6.8 ± 0.3
	<i>Salmonella typhi</i> ATCC 35664	7.0 ± 0.5
	<i>Klebsiella oxytoca</i> ATCC 700324	6.8 ± 0.3
	<i>Shigella sonnei</i> ATCC 25931	7.3 ± 0.6
	<i>Klebsiella pneumoniae</i> ATCC 700603	NA
Gram-negative bacteria	<i>Escherichia coli</i> ATCC 25922	7.5 ± 0.5
	<i>Enterobacter cloacae</i> ATCC 13047	6.8 ± 0.3
	<i>Providencia alcalifaciens</i> ATCC 51902	7.3 ± 0.6
	<i>Pseudomonas aeruginosa</i> ATCC 27853	6.8 ± 0.1
	<i>Citrobacter freundii</i> ATCC 8090	NA
	<i>Shigella flexneri</i> ATCC 12022	8.2 ± 0.3
	<i>Proteus mirabilis</i> ATCC 35659	6.8 ± 0.3
	<i>Bacillus cereus</i> ATCC 14579	11.3 ± 0.6
	<i>Enterococcus faecalis</i> ATCC 29212	NA
Gram-positive bacteria	<i>Staphylococcus aureus</i> ATCC 25923	9.2 ± 0.3
	<i>Staphylococcus epidermidis</i> ATCC 14990	11.2 ± 0.3
	<i>Staphylococcus saprophyticus</i> ATCC 15305	9.7 ± 0.6

13 Note: <sup>a</sup>Values are means ± standard deviation (n=3) and include disc diameter  
14 (6 mm). NA, not active.