

Table S3. Phytochemical composition, identification and major groups of chemical components (%) of essential oil (EO) of *Micromeria croatica* (McrP), *M. graeca* ssp. *graeca* (Mg), and *M. graeca* ssp. *fruticulosa* (MgF).

			Sample and yield				
			McrP1	McrP2	Mg1	Mg2	MgF
			1.05	0.95	1.18	1.22	0.98
Component	RI ^a	RI ^b	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD
MH			1.66	4.26	5.70	4.96	8.43
α -Thujene	924	1029	0.25±0.01	-	0.58±0.02	0.28±0.01	-
α -Pinene*	938	1025	0.54±0.03	-	1.72±0.01	0.92±0.01	2.23±0.01
Camphene*	962	1056	0.56±0.01	3.21±0.03	-	0.53±0.01	0.92±0.01
β -Pinene	982	1092	-	-	2.13±0.01	2.21±0.02	0.63±0.01
Myrcene	992	1173	0.31±0.01	-	-	-	0.49±0.01
α -Terpinene	1016	1192	-	-	-	-	0.68±0.01
<i>p</i> -Cymene	1021	1270	-	0.51±0.01	-	-	1.69±0.01
β -Phellandrene	1025	1208	-	0.54±0.03	-	-	0.95±0.05
Limonene	1032	1204	-	-	0.86±0.01	0.61±0.01	0.67±0.01
(<i>Z</i>)- β -Ocimene*	1052	1218	-	-	0.41±0.01	0.41±0.01	-
<i>allo</i> -Ocimene	1128	1370	-	-	-	-	0.17±0.03
OM			57.76	54.59	20.58	19.05	37.36
<i>trans</i> -Linalool oxide*	1088	1434	-	0.41±0.01	7.28±0.01	5.32±0.01	-
Linalool*	1099	1548	-	-	3.97±0.01	5.67±0.01	4.37±0.01

β -Thujone	1121	1438	-	-	-	0.86±0.01	-
α -Campholenal	1129	1496	0.34±0.01	-	-	-	-
<i>trans</i> -Pinocarveol	1147	1658	-	0.66±0.01	2.33±0.01	2.15±0.01	0.93±0.01
Camphor	1151	1499	16.50±0.01	13.80±0.01	0.62±0.03	1.03±0.02	1.29±0.01
Pinocarvone	1160	1565	-	-	-	-	17.39±0.01
Borneol*	1176	1699	26.46±0.01	28.71±0.01	1.40±0.03	0.27±0.01	8.29±0.01
Terpinen-4-ol	1184	1601	0.32±0.01	-	0.55±0.01	0.59±0.01	-
α -Terpineol	1186	1686	0.25±0.01	-	-	-	0.62±0.05
Myrtenol	1197	1782	-	-	-	-	0.48±0.02
Verbenone	1204	1705	-	2.13±0.01	0.63±0.01	0.77±0.01	0.39±0.01
<i>trans</i> -Carveol	1215	1815	0.54±0.01	0.45±0.01	0.43±0.01	0.87±0.01	0.88±0.01
<i>endo</i> -Fenchyl acetate	1218	1465	-	-	2.13±0.01	1.52±0.01	0.92±0.01
β -Cyclocitral	1223	1629	-	-	-	-	0.72±0.03
Pulegone	1234	1641	-	0.84±0.01	-	-	-
Linalyl acetate	1252	1553	-	-	0.66±0.05	-	0.26±0.01
Bornyl acetate	1285	1570	1.56±0.01	1.25±0.01	0.58±0.02	-	-
Piperitonene	1340	1882	9.53±0.01	4.51±0.01	-	-	-
Neryl acetate	1358	1692	-	0.52±0.01	-	-	0.82±0.05
Piperitenone oxide	1366	1941	2.26±0.01	1.31±0.01	-	-	-
SH			23.26	27.80	20.81	20.76	17.74
α -Copaene	1377	1484	-	0.25±0.01	0.75±0.07	0.77±0.01	2.45±0.01

β -Bourbonene	1383	1508	-	0.42±0.01	0.77±0.01	0.51±0.03	0.83±0.01
β -Elemene	1389	1593	0.82±0.01	-	-	-	1.77±0.01
α -Gurjunene	1407	1520	-	-	1.36±0.01	0.58±0.01	0.51±0.01
<i>E</i> -Caryophyllene*	1424	1585	11.4±0.01	16.8±0.01	0.32±0.01	0.67±0.03	-
β -Copaene	1429	1584	-	0.71±0.01	2.68±0.01	4.82±0.01	-
<i>trans</i> - α -Bergamotene	1433	1580	-	0.15±0.01	-	-	3.58±0.01
(<i>Z</i>)- β -Farnesene	1454	1639	-	-	-	-	0.58±0.01
α -Humulene	1456	1654	-	-	1.45±0.01	1.26±0.01	0.71±0.01
<i>allo</i> -Aromadendrene*	1465	1662	1.44±0.01	1.24±0.01	7.38±0.01	6.82±0.01	-
β -Chamigrene	1477	1735	-	-	0.56±0.03	0.59±0.01	0.92±0.01
Germacrene D	1481	1692	2.95±0.01	3.16±0.01	3.86±0.01	3.13±0.01	1.43±0.01
β -Bisabolene	1494	1729	0.33±0.01	1.23±0.01	0.39±0.01	0.56±0.03	3.26±0.01
Bicyclogermacrene	1500	1718	0.21±0.01	-	0.47±0.01	0.33±0.01	0.86±0.01
β -Curcumene	1514	1731	6.11±0.01	3.84±0.01	-	-	-
δ -Cadinene	1517	1745	-	-	0.82±0.03	0.72±0.01	0.84±0.05
OS			11.75	7.12	39.39	38.25	21.24
Spathulenol*	1577	2101	-	-	5.14±0.01	4.91±0.01	1.66±0.01
Caryophyllene oxide*	1581	1955	9.32±0.01	5.53±0.01	3.95±0.01	5.97±0.01	4.83±0.01
γ -Eudesmol	1632	2135	1.14±0.01	0.96±0.07	1.22±0.01	0.89±0.01	0.68±0.03
α -Cadinol	1655	2208	0.82±0.01	0.22±0.01	0.54±0.01	0.91±0.01	-
α -Bisabolol	1688	2116	0.26±0.01	0.41±0.1	25.78±0.01	23.02±0.01	11.92±0.01

α -Bisabolol oxide	1748	2511	0.21±0.01	-	2.76±0.01	2.55±0.02	2.15±0.01
PC			-	1.16	2.64	1.37	4.27
Thymol*	1290	2198	-	-	0.88±0.01	-	0.84±0.01
Carvacrol*	1298	2239	-	1.16±0.05	0.31±0.05	0.72±0.01	3.43±0.01
Eugenol	1370	2175	-	-	0.45±0.01	0.65±0.01	-
CC			-	0.65	1.93	2.56	1.99
1-Octen-3-ol	974	1433	-	-	-	-	0.28±0.07
β -Ionone	1487	1924	-	0.65±0.01	1.93±0.01	2.56±0.01	1.71±0.01
H			0.81	0.31	1.99	3.42	4.34
Eicosane*	2000	2000	-	0.31±0.01	-	0.25±0.01	0.45±0.01
Docosane*	2200	2200	0.81±0.01	-	-	1.46±0.01	1.32±0.01
Tricosane*	2300	2300	-	-	-	0.72±0.01	-
Tetracosane*	2400	2400	-	-	-	-	0.66±0.01
Pentacosane*	2500	2500	-	-	0.35±0.01	0.42±0.03	1.35±0.01
Hexacosane*	2600	2600	-	-	0.73±0.01	0.57±0.01	-
Heptacosane*	2700	2700	-	-	0.45±0.03	-	-
Octacosane*	2800	2800	-	-	0.24±0.01	-	0.56±0.01
Nonacosane*	2900	2900	-	-	0.22±0.01	-	-
Total identified (%)			95.24	95.89	93.04	90.37	95.37

Retention indices were determined relative to a series of *n*-alkanes (C₈–C₄₀) on capillary columns VF5-ms (RI^a) and CP Wax 52 (RI^b); identification method: RI comparison of RIs with those listed in a homemade library; reported in the literature [87] and/or authentic samples; comparison of mass spectra with those in mass spectral libraries NIST02 [88] and Wiley 9; *, injection reference com-

pounds; SD, standard deviation; MH, Monoterpene hydrocarbons; OM, Oxygenated monoterpenes; SH, Sesquiterpene hydrocarbons; OS, Oxygenated sesquiterpenes; PC, Phenolic compounds; CC, Carbonylic compounds; H, Hydrocarbons.