

Table S2. Phytochemical composition, identification and major groups of chemical components (%) of essential oil (EO) of *Micromeria croatica* (Mcr).

			Sample and yield									
			Mcr1	Mcr2	Mcr3	Mcr4	Mcr5	Mcr6	Mcr7	Mcr8	Mcr9	Mcr10
			1.91	1.02	1.12	0.98	0.95	1.65	1.13	0.98	1.06	1.79
Component	RI ^a	RI ^b	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD	EO±SD
MH			9.28	11.31	10.02	9.55	7.03	7.55	6.91	10.64	8.32	9.16
α -Pinene*	938	1025	3.61±0.02	2.16±0.01	1.63±0.01	2.57±0.01	1.12±0.05	1.68±0.01	1.32±0.01	1.97±0.01	1.27±0.01	2.13±0.01
Verbenene	960	1121	0.31±0.01	0.84±0.01	0.77±0.05	0.76±0.01	0.22±0.01	0.48±0.03	0.45±0.01	0.59±0.01	0.52±0.01	0.22±0.01
Camphene*	962	1056	0.45±0.01	0.89±0.01	0.61±0.01	0.49±0.01	0.21±0.02	-	-	1.08±0.01	0.68±0.01	0.21±0.02
β -Pinene	982	1092	4.61±0.01	2.28±0.07	3.96±0.01	3.85±0.01	3.21±0.01	3.88±0.01	4.76±0.01	3.43±0.01	2.51±0.01	3.21±0.01
Myrcene*	992	1173	0.18±0.01	0.25±0.01	0.76±0.01	-	-	-	-	-	-	-
α -Terpinene	1016	1192	-	0.52±0.02	-	0.21±0.01	0.60±0.01	-	-	0.98±0.03	1.56±0.01	0.76±0.01

<i>p</i> -Cymene	1021	1270	-	0.92±0.01	0.97±0.01	-	0.22±0.01	0.42±0.01	.	1.05±0.01	0.65±0.03	0.82±0.01
β -Phellandrene	1025	1208	-	1.63±0.04	-	0.71±0.01	1.13±0.01	0.73±0.01	-	-	-	1.36±0.01
Limonene	1032	1204	0.12±0.03	1.82±0.01	1.32±0.01	0.96±0.01	0.32±0.01	0.36±0.01	0.38±0.01	1.54±0.01	1.13±0.01	0.45±0.05
OM			38.90	33.99	37.65	41.89	30.07	31.86	37.56	37.76	38.64	36.58
<i>trans</i> -Linalool oxide*	1088	1434	-	0.99±0.01	0.87±0.01	0.43±0.05	0.72±0.01	0.67±0.03	0.67±0.01	1.02±0.01	0.68±0.01	0.88±0.01
Linalool*	1099	1548	1.13±0.01	1.73±0.03	1.66±0.01	4.13±0.01	0.32±0.01	0.86±0.01	1.03±0.02	4.73±0.01	2.48±0.01	0.98±0.01
Isopulegol	1145	1564	-	-	-	-	0.52±0.02	0.62±0.01	-	-	-	1.05±0.01
<i>trans</i> -Pinocarveol	1147	1658	0.64±0.02	0.52±0.01	0.81±0.03	0.38±0.07	0.32±0.01	0.33±0.01	0.63±0.01	0.21±0.01	0.98±0.01	0.74±0.01
Camphor	1151	1499	6.34±0.01	2.31±0.01	5.44±0.01	5.15±0.01	4.82±0.01	3.34±0.01	5.24±0.01	1.29±0.01	5.29±0.01	3.89±0.01
Pinocarvone	1160	1565	1.35±0.02	1.33±0.01	1.86±0.01	2.02±0.01	2.26±0.01	2.24±0.01	1.84±0.01	1.49±0.01	1.95±0.01	2.75±0.01
Borneol*	1176	1699	17.26±0.01	19.45±0.01	18.77±0.01	23.43±0.01	16.13±0.02	18.36±0.01	18.13±0.01	21.43±0.01	16.48±0.01	18.44±0.01
Terpinen-4-ol	1184	1601	0.62±0.05	-	-	-	-	0.58±0.02	-	-	-	-
Myrtenol	1197	1782	-	-	0.82±0.01	-	0.42±0.01	0.48±0.01	0.53±0.05	0.36±0.01	0.76±0.01	0.79±0.01

Verbenone	1204	1705	-	0.76±0.01	0.98±0.03	-	0.33±0.05	0.39±0.01	0.68±0.01	-	0.73±0.05	-
<i>trans</i> -Carveol	1215	1815	0.42±0.01	0.39±0.07	-	0.62±0.01	0.32±0.01	0.87±0.02	0.94±0.01	-	0.37±0.01	0.66±0.01
endo-Fenchyl acetate	1218	1465	7.62±0.01	3.75±0.01	3.68±0.01	3.32±0.01	2.83±0.01	2.49±0.01	6.44±0.01	4.06±0.01	6.15±0.01	4.86±0.01
Piperitone	1250	1719	2.12±0.02	-	0.76±0.01	-	-	-	0.49±0.01	0.82±0.05	0.31±0.01	-
Bornyl acetate	1285	1570	0.63±0.05	0.72±0.01	1.02±0.01	1.65±0.01	-	-	-	0.86±0.01	-	-
α -Terpenyl acetate	1349	1685	-	0.88±0.01	-	-	0.33±0.01	-	0.59±0.03	0.38±0.01	0.98±0.01	0.83±0.01
Neryl acetate	1358	1692	0.54±0.01	0.29±0.01	0.42±0.01	0.76±0.01	0.64±0.01	-	-	0.77±0.02	0.77±0.02	-
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SH			31.38	29.15	25.51	26.09	30.19	35.73	31.40	30.33	30.75	31.75
α -Copaene	1377	1484	0.20±0.05	0.98±0.02	1.87±0.01	2.15±0.01	0.74±0.03	0.68±0.01	0.49±0.01	1.95±0.01	0.24±0.01	0.24±0.01
β -Bourbonene	1383	1508	2.31±0.01	2.09±0.01	2.45±0.01	2.56±0.01	1.12±0.02	3.73±0.01	2.98±0.01	2.78±0.01	3.46±0.01	3.96±0.01
β -Elemene	1389	1593	1.15±0.01	-	-	-	-	1.61±0.01	-	-	-	-
<i>E</i> -Caryophyllene*	1424	1585	10.60±0.01	12.45±0.01	12.87±0.01	12.07±0.01	11.13±0.01	10.95±0.01	9.95±0.01	14.33±0.01	7.66±0.01	7.13±0.01
β -Copaene	1429	1584	0.73±0.03	0.67±0.01	0.89±0.01	0.11±0.01	0.50±0.01	0.43±0.03	0.48±0.01	0.21±0.01	0.63±0.03	0.58±0.01

trans- α -Bergamotene	1433	1580	0.14±0.01	0.87±0.05	0.24±0.01	1.67±0.01	-	-	-	0.38±0.01	-	-
α -Humulene	1456	1654	1.72±0.01	0.53±0.01	-	0.63±0.01	1.28±0.01	2.16±0.01	1.97±0.01	-	1.78±0.01	2.68±0.01
allo-Aromadendrene*	1465	1662	1.21±0.01	-	0.50±0.01	-	-	1.72±0.01	0.88±0.01	0.78±0.05	2.03±0.01	1.32±0.01
β -Chamigrene	1477	1735	-	-	-	-	0.32±0.01	-	-	-	-	-
Germacrene D*	1481	1692	12.10±0.02	10.78±0.01	6.26±0.01	6.25±0.01	13.12±0.01	13.66±0.01	13.86±0.01	9.03±0.01	8.62±0.01	14.12±0.01
β -Bisabolene	1494	1729	1.22±0.01	0.78±0.01	0.43±0.03	0.65±0.07	0.73±0.01	0.79±0.01	0.79±0.01	0.87±0.07	2.58±0.01	0.79±0.03
Viridiflorene	1496	1697	-	-	-	-	0.82±0.01	-	-	-	-	-
β -Curcumene	1514	1731	-	-	-	-	-	-	-	-	2.12±0.01	-
δ -Cadinene	1517	1745	-	-	-	-	0.43±0.02	-	-	-	-	0.93±0.01
OS			12.79	16.40	15.68	13.38	18.89	17.61	16.32	13.23	13.89	14.34
Spathulenol*	1577	2101	0.32±0.01	-	-	-	-	-	-	-	-	-
Caryophyllene oxide*	1581	1955	10.92±0.01	14.05±0.01	12.44±0.01	12.07±0.01	15.75±0.01	15.44±0.01	14.64±0.01	12.65±0.01	12.34±0.01	13.15±0.01
γ -Eudesmol	1632	2135	0.91±0.01	0.76±0.01	0.52±0.01	0.32±0.03	0.66±0.01	0.75±0.01	0.75±0.01	0.14±0.01	0.39±0.01	0.35±0.05

α -Cadinol	1655	2208	0.21±0.01	0.83±0.01	-	0.53±0.01	-	-	-	-	-	-
α -Bisabolol*	1688	2116	0.43±0.03	0.76±0.01	2.72±0.03	0.46±0.01	2.13±0.01	1.21±0.01	0.93±0.01	0.44±0.01	1.16±0.01	0.56±0.01
α -Bisabolol oxide	1748	2511	-	-	-	-	0.35±0.01	0.21±0.02	-	-	-	0.28±0.01
PC			0.33	-	-	-	-	-	0.49	-	0.47	0.68
Eugenol*	1370	2175	0.33±0.01	-	-	-	-	-	0.49±0.01	-	0.47±0.05	0.68±0.03
CC			0.61	-	0.89	0.48	1.89	0.72	1.61	-	1.65	2.56
1-Octen-3-ol	974	1433	0.51±0.01	-	0.46±0.01	0.48±0.01	0.42±0.01	-	0.69±0.01	-	0.67±0.01	0.48±0.01
Isobutyl hexanoate	1155	1370	-	-	0.43±0.03	-	1.32±0.01	0.72±0.01	0.92±0.05	-	0.98±0.01	1.32±0.01
β -Ionone	1487	1924	0.10±0.01	-	-	-	0.15±0.01	-	-	-	-	0.76±0.01
H			1.07	0.25	1.27	0.77	2.72	3.12	3.08	0.86	2.45	2.84
Eicosane*	2000	2000	0.31±0.02	-	0.13±0.01	-	0.42±0.01	0.58±0.01	0.33±0.01	0.17±0.01	0.43±0.01	0.85±0.03
Docosane*	2200	2200	-	-	0.80±0.05	-	2.12±0.03	1.86±0.01	1.93±0.01	0.69±0.01	1.65±0.01	1.72±0.01
Pentacosane*	2500	2500	0.31±0.01	0.25±0.01	0.34±0.01	0.34±0.01	0.18±0.05	0.68±0.05	0.34±0.01	-	0.37±0.01	0.27±0.01

Heptacosane*	2700	2700	0.33±0.02	-	-	0.43±0.01	-	-	0.48±0.01	-	-	-
Total identified (%)			94.36	91.1	91.02	92.16	90.79	96.59	97.37	92.82	96.17	97.91

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