

Supplementary materials

Encapsulation of hemp (*Cannabis sativa* L.) essential oils into nanoemulsions for potential therapeutic applications: assessment of cytotoxicological profile

Cristina Aguzzi^{1‡}, Diego Romano Perinelli^{2‡}, Marco Cespi², Laura Zeppa¹, Eugenia Mazzara², Filippo Maggi², Riccardo Petrelli², Giulia Bonacucina^{2*}, Massimo Nabissi^{1*}

¹ Department of Experimental Medicine, School of Pharmacy, University of Camerino, Via Madonna delle Carceri 9, 62032, Camerino, Italy

² Chemistry Interdisciplinary Project (ChIP) Research Center, School of Pharmacy, University of Camerino, Via Madonna delle Carceri, 62032, Camerino, Italy

* Correspondence: giulia.bonacucina@unicam.it; massimo.nabissi@unicam.it

‡ These authors equally contributed

Table S1. Complete GC-MS characterization of Uso 31 and Carmagnola CS EOs.

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N	Component ^a	RI Calc. ^b	RI lit. ^c	% Uso 31	% Carmagnola CS
1	α -Thujene	921	924	0.02	0.02
2	α -Pinene	926	932	11.07	13.45
3	Camphene	939	946	0.04	0.17
4	Sabinene	966	967	0.04	
5	β -Pinene	968	974	3.59	5.45
6	Myrcene	989	988	15.28	37.57
7	α -Phellandrene	1003	1002	0.13	0.08
8	δ -3-Carene	1008	1008	0.06	0.09
9	α -Terpinene	1014	1014	0.02	0.07
10	Limonene	1025	1024	1.59	5.37
11	(1,8)-Cineole	1027	1026		0.43
12	(Z)- β -Ocimene	1037	1032	0.21	0.16
13	(E)- β -Ocimene	1047	1044	6.71	1.79
14	γ -Terpinene	1056	1054	0.02	0.08
15	Terpinolene	1085	1086	5.46	2.97
16	(Z)-Caryophyllene	1407	1408		0.23
17	(E)-Caryophyllene	1409	1417	25.93	16.99
18	α -trans-Bergamotene	1430	1432	2.13	0.19
19	α -Humulene	1443	1452	8.92	6.11
20	allo-Aromadendrene	1450	1458	1.32	0.18
21	(E)- β -Farnesene	1456	1454	1.70	0.06
22	β -Selinene	1476	1489	3.35	1.16
23	α -Selinene	1485	1498	1.96	0.89
24	α -Bulnesene	1507	1509		0.22
25	δ -Cadinene	1519	1522		0.04
26	Selina-3,7(11)-diene	1531	1545		0.11
27	Caryophyllene oxide	1571	1582	7.23	2.95
28	Humulene epoxide II	1593	1608	1.81	0.63
29	Cannabidiol	2419	2430	0.43	0.23
Total identified (%)				99.03	97.72
Monoterpene hydrocarbons (%)				44.24	67.27
Oxygenated monoterpenes (%)					0.43
Sesquiterpene hydrocarbons (%)				45.31	26.18
Oxygenated sesquiterpenes (%)				9.04	3.58
Cannabinoids (%)				0.43	0.23

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