

Table S1. Information about the extraction conditions and the assayed concentrations of natural extracts

No.	Scientific name	Common name	Extraction type	Solvent extraction	Internal Code	Stock solution		Assayed concentrations (mg/mL)				Abbreviated name appearing in the manuscript
						Vehicle	Concentration (mg/mL)	C1	C2	C3	C4	
1	<i>Arthrospira maxima platensis</i>	Spirulina	UAE	Water	E76	Water	25	0.124	0.063	0.031	0.016	Spirulina (water)
2	<i>Arthrospira maxima platensis</i>	Spirulina	UAE	Ethanol	E77	DMSO	200	1	0.5	0.25	0.125	Spirulina (ethanol)
3	<i>Arthrospira maxima platensis</i>	Spirulina	UAE	Hexane	E78	DMSO	200	1	0.5	0.25	0.125	Spirulina (hexane)
4	<i>Spinacia oleracea</i>	Spinach	UAE	Water	E79	Water	200	1	0.5	0.25	0.125	Spinach (water)
5	<i>Spinacia oleracea</i>	Spinach	UAE	Ethanol	E80	DMSO	200	1	0.5	0.25	0.125	Spinach (ethanol)
6	<i>Spinacia oleracea</i>	Spinach	UAE	Hexane	E81	DMSO	100	0.5	0.25	0.125	0.0625	Spinach (hexane)
7	<i>Olea europeae</i>	Olive leaf	UAE	Water	E82	Water	200	1	0.5	0.25	0.125	Olive leaf (water)
8	<i>Olea europeae</i>	Olive leaf	UAE	Ethanol	E83	DMSO	200	1	0.5	0.25	0.125	Olive leaf (ethanol)

9	<i>Olea europae</i>	Olive leaf	UAE	Hexane	E84	DMSO	200	1	0.5	0.25	0.125	Olive leaf (hexane)
10	<i>Juniperus communis</i>	Juniper	UAE	Water	E85	Water	200	1	0.5	0.25	0.125	Juniper berry (water)
11	<i>Juniperus communis</i>	Juniper	UAE	Ethanol	E86	DMSO	200	1	0.5	0.25	0.125	Juniper berry (ethanol)
12	<i>Juniperus communis</i>	Juniper	UAE	Hexane	E87	DMSO	200	1	0.5	0.25	0.125	Juniper berry (hexane)
13	<i>Allium sativum</i>	Garlic	UAE	Water	E88	Water	200	1	0.5	0.25	0.125	Garlic (water)
14	<i>Allium sativum</i>	Garlic	UAE	Ethanol	E89	DMSO	200	1	0.5	0.25	0.125	Garlic (ethanol)
15	<i>Allium sativum</i>	Garlic	UAE	Hexane	E90	DMSO	100	0.5	0.25	0.125	0.0625	Garlic (hexane)
16	<i>Allium ascalonium</i>	Shallot	UAE	Water	E91	Water	200	1	0.5	0.25	0.125	Red onion (water)
17	<i>Allium ascalonium</i>	Shallot	UAE	Ethanol	E92	DMSO	200	1	0.5	0.25	0.125	Red onion (ethanol)
18	<i>Allium ascalonium</i>	Shallot	UAE	Hexane	E93	DMSO	200	1	0.5	0.25	0.125	Red onion (hexane)
19	<i>Thymus zygis</i>	Red thyme	UAE	Water	E94	Water	200	1	0.5	0.25	0.125	Red thyme (water)

20	<i>Thymus zygis</i>	Red thyme	UAE	Ethanol	E95	DMSO	200	1	0.5	0.25	0.125	Red thyme (ethanol)
21	<i>Thymus zygis</i>	Red thyme	UAE	Hexane	E96	DMSO	200	1	0.5	0.25	0.125	Red thyme (hexane)
22	<i>Origanum vulgare</i>	Oregano	UAE	Water	E97	Water	200	1	0.5	0.25	0.125	Oregano (water)
23	<i>Origanum vulgare</i>	Oregano	UAE	Ethanol	E98	DMSO	200	1	0.5	0.25	0.125	Oregano (ethanol)
24	<i>Origanum vulgare</i>	Oregano	UAE	Hexane	E99	DMSO	200	1	0.5	0.25	0.125	Oregano (hexane)
25	<i>Salvia officinalis</i>	Sage	UAE	Water	E100	Water	200	1	0.5	0.25	0.125	Sage (water)
26	<i>Salvia officinalis</i>	Sage	UAE	Ethanol	E101	DMSO	200	1	0.5	0.25	0.125	Sage (ethanol)
27	<i>Salvia officinalis</i>	Sage	UAE	Hexane	E102	DMSO	200	1	0.5	0.25	0.125	Sage (hexane)
28	<i>Salvia officinalis</i>	Sage	SFE	CO ₂ (10 MPa)	E103	DMSO	200	1	0.5	0.25	0.125	Sage (SFE10)
29	<i>Salvia officinalis</i>	Sage	SFE	CO ₂ (20 MPa)	E104	DMSO	200	1	0.5	0.25	0.125	Sage (SFE20)
30	<i>Salvia officinalis</i>	Sage	SFE	CO ₂ (30 MPa)	E105	DMSO	200	1	0.5	0.25	0.125	Sage (SFE30)

31	<i>Salvia officinalis</i>	Sage	SFE	CO ₂ + 15% Ethanol (15 MPa)	E106	DMSO	200	1	0.5	0.25	0.125	Sage (SFE+et)
32	<i>Thymus zygis</i>	Red thyme	SFE	CO ₂ (10 MPa)	E107	DMSO	200	1	0.5	0.25	0.125	Thyme (SFE10)
33	<i>Thymus zygis</i>	Red thyme	SFE	CO ₂ (20 MPa)	E108	DMSO	200	1	0.5	0.25	0.125	Thyme (SFE20)
34	<i>Thymus zygis</i>	Red thyme	SFE	CO ₂ (30 MPa)	E109	DMSO	200	1	0.5	0.25	0.125	Thyme (SFE30)
35	<i>Thymus zygis</i>	Red thyme	SFE	CO ₂ + 15% Ethanol (15 MPa)	E110	DMSO	200	1	0.5	0.25	0.125	Thyme (SFE+et)
36	<i>Salvia rosmarinus</i>	Rosemary	SFE	CO ₂ (10 MPa)	E111	DMSO	200	1	0.5	0.25	0.125	Rosemary (SFE10)
37	<i>Salvia rosmarinus</i>	Rosemary	SFE	CO ₂ (20 MPa)	E112	DMSO	200	1	0.5	0.25	0.125	Rosemary (SFE20)
38	<i>Salvia rosmarinus</i>	Rosemary	SFE	CO ₂ (30 MPa)	E113	DMSO	200	1	0.5	0.25	0.125	Rosemary (SFE30)
39	<i>Salvia rosmarinus</i>	Rosemary	SFE	CO ₂ + 15% Ethanol (15 MPa)	E114	DMSO	200	1	0.5	0.25	0.125	Rosemary (SFE+et)