

Wild Creek Naturals
195 Riverside Ave
Salmo, BC
VOG 120

02Dec24 3:17p
Source: Essential Oil
Type of Sample: oil
No.of Samples: 1

W184397

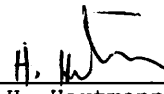
TEL: 250-538-7717
info@wildcreek.ca

Arrival temp.: 12.0C
PD B1199 0212L

Sample: Essential Oil Sample

<u>ELEMENTS</u>		<u>SAMPLE</u>	<u>UNITS</u>
1) Aluminium	Al	9.59	ug/g
2) Antimony	Sb	<0.010	ug/g
3) Arsenic	As	<0.010	ug/g
4) Barium	Ba	0.172	ug/g
5) Beryllium	Be	<0.003	ug/g
6) Boron	B	<0.050	ug/g
7) Cadmium	Cd	<0.010	ug/g
8) Calcium	Ca	147	ug/g
9) Chromium	Cr	0.640	ug/g
10) Cobalt	Co	<0.005	ug/g
11) Copper	Cu	<0.008	ug/g
12) Gold	Au	<0.040	ug/g
13) Iron	Fe	24.8	ug/g
14) Lanthanum	La	<0.020	ug/g
15) Lead	Pb	0.179	ug/g
16) Magnesium	Mg	49.2	ug/g
17) Manganese	Mn	1.48	ug/g
18) Mercury	Hg	<0.010	ug/g
19) Molybdenum	Mo	0.492	ug/g
20) Nickel	Ni	0.492	ug/g
21) Phosphorus	P	5.17	ug/g
22) Potassium	K	<0.030	ug/g
23) Scandium	Sc	<0.050	ug/g
24) Selenium	Se	<0.010	ug/g
25) Silicon	Si	74.3	ug/g
26) Silver	Ag	<0.010	ug/g
27) Sodium	Na	49.2	ug/g
28) Strontium	Sr	<0.002	ug/g
29) Tin	Sn	0.984	ug/g
30) Titanium	Ti	1.97	ug/g
31) Tungsten	W	<0.050	ug/g
32) Vanadium	V	<0.010	ug/g
33) Zinc	Zn	3.17	ug/g

R. Bilodeau
Analytical Chemist



H. Hartmann
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Wild Creek Naturals
195 Riverside Ave
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VOG IZ0

Date: 02Dec24 (3:17p)
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Arrival temp: 12.0C
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Samples: 1) Essential Oil Sample no. 220203

	Analyte	Sample 1 (ng/g)	LOQ (Oil) (ng/g)	Blank (ng/g)	Recovery (%)
1	Abamectin	ND	42.5	ND	98
2	Acephate	ND	39.0	ND	113
3	Acequinocyl	ND	225.0	ND	107
4	Acetamiprid	ND	1.72	ND	104
5	Aldicarb	ND	34.9	ND	112
6	Allethrin	ND	22.1	ND	114
7	Azadirachtin	ND	184	ND	109
8	Azoxystrobin	ND	6.07	ND	110
9	Benzovindiflupyr	ND	3.13	ND	102
10	Bifenazate	ND	10.00	ND	88
11	Bifenthrin	ND	4.08	ND	97
12	Boscalid	ND	8.62	ND	107
13	Buprofezin	ND	3.98	ND	103
14	Carbaryl	ND	20.9	ND	111
15	Carbofuran	ND	6.01	ND	106
16	Chlorantraniliprole	ND	9.57	ND	92
17	Chlorphenapyr	ND	610.9	ND	95
18	Chlorpyrifos	ND	2.63	ND	102
19	Clofentezine	ND	8.90	ND	106
20	Clothianidin	ND	6.68	ND	109
21	Coumaphos	ND	8.10	ND	101
22	Cyantraniliprole	ND	5.56	ND	98
23	Cyfluthrin	ND	563	ND	97
24	Cypermethrin	ND	59.1	ND	103
25	Cyprodinil	ND	7.47	ND	101
26	Daminozide	ND	15.0	ND	97
27	Deltamethrin	ND	64.7	ND	104
28	Diazinon	ND	3.21	ND	106
29	Dichlorvos	ND	17.46	ND	102
30	Dimethoate	ND	5.41	ND	105
31	Dimethomorph	ND	8.01	ND	107
32	Dinotefuran	ND	23.2	ND	112
33	Dodemorph	ND	4.2	ND	112
34	Endosulfan-alpha	ND	807.1	ND	93
35	Endosulfan-beta	ND	453.37	ND	91
36	Endosulfan-sulfate	ND	524.74	ND	113
37	Ethoprophos	ND	3.60	ND	104
38	Etofenprox	ND	2.5	ND	102

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PD: B1199 0212L

	Analyte	Sample 1 (ng/g)	LOQ (Oil) (ng/g)	Blank (ng/g)	Recovery (%)
39	Etoxazole	ND	3.36	ND	108
40	Etridiazole	ND	125.0	ND	89
41	Fenoxycarb	ND	8.75	ND	114
42	Fenpyroximate	ND	4.7	ND	106
43	Fensulfothion	ND	4.65	ND	108
44	Fenthion	ND	2.12	ND	107
45	Fenvalerate	ND	92.1	ND	101
46	Fipronil	ND	5.29	ND	102
47	Flonicamid	ND	4.02	ND	101
48	Fludioxonil	ND	4.9	ND	112
49	Fluopyram	ND	4.96	ND	107
50	Hexythiazox	ND	42.30	ND	109
51	Imazalil	ND	9.08	ND	106
52	Imidacloprid	ND	5.41	ND	115
53	Iprodione	ND	455	ND	108
54	Kinoprene	ND	225.0	ND	95
55	Kresoxim-methyl	ND	66.30	ND	104
56	Malathion	ND	7.4	ND	107
57	Metalaxyl	ND	3.82	ND	109
58	Methiocarb	ND	7.5	ND	110
59	Methomyl	ND	14.69	ND	105
60	Methoprene	ND	43.37	ND	104
61	Methyl parathion	ND	76.2	ND	123
62	Mevinphos	ND	7.07	ND	111
63	MGK-264	ND	50.9	ND	105
64	Myclobutanil	ND	8.73	ND	117
65	Naled (Dibrom)	ND	36.56	ND	105
66	Novaluron	ND	23.61	ND	103
67	Oxamyl	ND	39.2	ND	108
68	Paclobutrazol	ND	8.36	ND	109
69	Permethrin	ND	22.0	ND	108
70	Phenothrin	ND	49.7	ND	100
71	Phosmet	ND	39.3	ND	101
72	Piperonyl butoxide	ND	18.7	ND	96
73	Pirimicarb	ND	4.96	ND	107
74	Prallethrin	ND	117.8	ND	106
75	Propiconazole	ND	5.01	ND	107
76	Propoxur	ND	5.8	ND	101
77	Pyraclostrobin	ND	2.15	ND	101
78	Pyrethrin I	ND	450.0	ND	106
79	Pyrethrin II	ND	725.0	ND	100

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	Analyte	Sample 1 (ng/g)	LOQ (Oil) (ng/g)	Blank (ng/g)	Recovery (%)
80	Pyridaben	ND	5.23	ND	105
81	Quintozene	ND	561.9	ND	103
82	Resmethrin	ND	45.4	ND	108
83	Spinetoram	ND	6.31	ND	106
84	Spinosad	ND	9.63	ND	100
85	Spirodiclofen	ND	57.0	ND	108
86	Spiromesifen	ND	7.52	ND	108
87	Spirotetramat	ND	7.4	ND	98
88	Spiroxamine	ND	3.35	ND	112
89	Tebuconazole	ND	8.42	ND	104
90	Tebufenozide	ND	10.0	ND	106
91	Teflubenzuron	ND	2.68	ND	106
92	Tetrachlorvinphos	ND	4.34	ND	103
93	Tetramethrin	ND	38.2	ND	106
94	Thiacloprid	ND	1.40	ND	115
95	Thiamethoxam	ND	3.6	ND	95
96	Thiophanate-methyl	ND	15.29	ND	112
97	Trifloxystrobin	ND	3.59	ND	101


*Analysis includes all 97 target compounds on the Health Canada Mandatory List Aug 2019

**Trace = presence & identity of compound verified, value below limit of quantification

As per international standards, all observed values are reported even if they are below LOQ's. LOQ or MDL's are interpretative & given as guidance only & do not affect reported results.

Method: Sample is solvent extracted, then cleaned using SPE (QuEChERS) methods. Multiresidue analysis is carried out using Procedure ref AOAC 2007.01; USP <561><565>, EU 2.0813. Methods fully validated.

R. Bilodeau
Analytical Chemist



H. Hartmann
Sr Analytical Chemist



PS