



Lot : 20000068

Item Number : FG-10208

Description : CBD More! 1.1oz Fresh Mint 25mg

Batch Date : 1/6/2020

Expiration Date : 1/7/2021

Batch Size : 1,700

Qty Produced : 1,709



Exact Scientific Services, Inc.

1355 Pacific Place
Suite 101
Ferndale, WA 98248

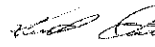
Phone: (360) 733-1205
Fax: (888) 818-2978
Email: lab@exactscientific.com

Certificate of Analysis

Client: Barlean's Organic Oils
3660 Slater Rd
Ferndale, WA 98248

Phone: (360) 384-0485
Fax: (360) 384-1746
Email: Barleans Organic Oils Group

Invoice Number: 20-00340
PO Number: 010820MAB
Received Date: 1/8/2020

Approved By: 
Approved Date: 1/15/2020
Project Name: Finished Product

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ND = Not detected above the listed detection limit

This report and its results only relate to the specific sample(s) tested as received, and is for exclusive use of the customer named above and shall not be reproduced except in full.

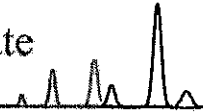


Certificate of Analysis

Lab #: 1215	Sample: FG-10208, 20000068	Sample Date: 1/8/2020				
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Allergen						
Allergen:Gluten-r	<5	ppm		ESS_6.2.6-2.10.38	FC	1/9/2020
General Chemistry						
Density	0.949	g/mL		ESS_3.3.6.225	AB	1/9/2020
Microbial Enumeration						
Aerobic Plate Count	<10	cfu/g	10	ESS_2.2.1	SMS	1/10/2020
Staphylococcus aureus	Negative	cfu/g	10	ESS_2.2.3	SMS	1/10/2020
Coliform	Negative	cfu/g	10	ESS_2.2.17	SMS	1/9/2020
E. coli	Negative	cfu/g	10	ESS_2.2.17	SMS	1/9/2020
Yeast	Negative	cfu/g	10	ESS_2.2.4.c	SMS	1/10/2020
Mold	Negative	cfu/g	10	ESS_2.2.4.c	SMS	1/10/2020
Microbiology Pathogens						
Salmonella spp	Negative	per 25 grams		ESS_2.2.6	MM	1/9/2020
Organic Chemistry						
Total Cannabinoids	29.3	mg/g		ESS_3.1.7.226	JF	1/10/2020
Total CBD (CBD + CBDA)	2.72	%		ESS_3.1.7.226c	JF	1/10/2020
CBDV	0.01	%		ESS_3.1.7.226	JF	1/10/2020
CBDA	0.01	%		ESS_3.1.7.226	JF	1/10/2020
CBGA	included in CBG result	%		ESS_3.1.7.226	JF	1/10/2020
CBG	< 0.01	%		ESS_3.1.7.226	JF	1/10/2020
CBD	2.72	%		ESS_3.1.7.226	JF	1/10/2020
THCV	< 0.01	%		ESS_3.1.7.226	JF	1/10/2020
CBN	< 0.01	%		ESS_3.1.7.226	JF	1/10/2020
d-9 THC	0.10	%		ESS_3.1.7.226	JF	1/10/2020
d-8 THC	< 0.01	%		ESS_3.1.7.226	JF	1/10/2020
CBC	0.09	%		ESS_3.1.7.226	JF	1/10/2020
THCA	< 0.01	%		ESS_3.1.7.226	JF	1/10/2020
Total THC (d-9 THC + THCA)	0.10	%		ESS_3.1.7.226c	JF	1/10/2020
CBD	28.35	mg/serving		ESS_3.1.7.226c	JF	1/10/2020
Serving Information						
Serving Size	1.1 (provided by client)	mL		ESS_1.1.38	KB	1/15/2020
Vitamins						
Vitamin E TPGS (alpha-Tocopherol)	10.3	mg/serving		ESS_3.1.8.207	TG	1/14/2020

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Certificate ID: 75100

Received: 1/9/20

Scan QR Code for authenticity



Barlean's

Client Sample ID: FG-10208

3660 Slater Road

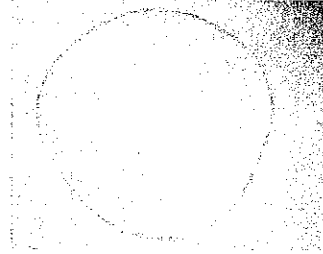
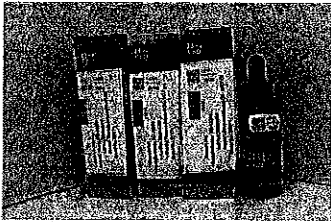
Lot Number: 20000068

Ferndale, WA 98248

Matrix: Tincture/Infused Oil - MCT Oil

Attn: Quality Control Team

Authorization: Jon Podgorni, Lead Research Chemist	Signature: <i>Jon Podgorni</i>	Date: 1/14/2020
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

TP: Terpenes Profile [WI-10-27]

Analyst: JR

Test Date: 1/10/2020

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

75100-TP

Compound	ppm	Terpene Profile	Compound	ppm	Terpene Profile
beta-myrcene	51	[Bar]	camphene		
isopulegol			L-fenchone		
menthol	492	[Bar]	beta-pinene	14	[Bar]
cis-nerolidol			eucalyptol	165	[Bar]
trans-nerolidol			alpha-terpinene	8	[Bar]
gamma-terpinene	13	[Bar]	delta-3-carene		
alpha-bisabolol	17	[Bar]	alpha-pinene	13	[Bar]
linalool	31	[Bar]	D-limonene	67	[Bar]
beta-caryophyllene	343	[Bar]	geraniol		
caryophyllene oxide	14	[Bar]	cis-beta-ocimene		
guaifol	17	[Bar]	alpha-ocimene		
sabinene			alpha-phellandrene		
alpha-humulene	76	[Bar]	terpinolene		
p-cymene	8	[Bar]			

ppm 0.00 250.00 500.00 0.00 250.00 500.00

Total Terpene: 0.1 wt%

END OF REPORT



Pesticide Report

Client: Barlean's Organic Oils
 3660 Slater Rd
 Ferndale, WA 98248

Phone: (360) 384-0485
Email: Barlean's Organic Oils Group

Ref Number: 20-00340
PO Number: 010820MAB
Project Name: Finished Product

Analyst: Various
Supervisor: Kent Oostra

Date Collected:	1/8/2020	Date Received:	1/8/2020
Date Analyzed:	1/9/2020	Lab Number:	1216
Sample Description:		FG-10208, 20000068	

Analyte	Result (ppm)	LOQ (ppm)	Analyte	Result (ppm)	LOQ (ppm)
Organochlorine Pesticides					
2,4'-DDD	ND	0.20	Endosulfan I	ND	0.40
2,4'-DDE	ND	0.20	Endosulfan II	ND	0.40
2,4'-Methoxychlor	ND	0.20	Endosulfan sulfate	ND	0.20
2,4-DDT	ND	0.20	Endrin	ND	0.40
4,4'-DDD	ND	0.20	Endrin aldehyde	ND	20.0
4,4'-DDE	ND	0.20	Endrin ketone	ND	2.00
4,4'-Dichlorobenzophenone	ND	0.20	Ethylan (Perthane)	ND	0.20
4,4'-Methoxychlor olefin	ND	0.20	Fenson	ND	0.20
4,4-DDT	ND	0.20	gamma-BHC	ND	0.20
Aldrin	ND	0.20	Heptachlor	ND	1.00
alpha-BHC	ND	0.20	Heptachlor epoxide (Isomer B)	ND	0.20
beta-BHC	ND	0.20	Hexachlorobenzene	ND	0.20
Chlorbenside	ND	0.20	Isodrin	ND	0.20
Chlorfenson (Ovex)	ND	0.20	Mirex	ND	0.20
Chloroneb	ND	20.0	Pentachloroanisole	ND	0.20
cis-Chlordane	ND	0.20	Pentachlorobenzene	ND	0.20
cis-Nonachlor	ND	0.20	Pentachloroethoxyanisole	ND	0.20
delta-BHC	ND	0.20	Tetradifon	ND	0.20
Dieldrin	ND	0.40	trans-Chlordane	ND	0.20
Endosulfan ether	ND	1.00	trans-Nonachlor	ND	0.20
Organophosphorus Pesticides					
Azinophos ethyl	ND	0.20	Leptophos	ND	1.00
Azinophos methyl	ND	0.20	Malathion	ND	1.00
Bromfeninfos-methyl	ND	0.20	Methacrifos	ND	0.20
Bromfeninfos	ND	0.20	Methyl parathion	ND	0.20
Bromophos ethyl	ND	0.20	Mevinphos	ND	1.00
Bromophos methyl	ND	0.20	Parathion (Ethyl parathion)	ND	0.20
Carbophenothion	ND	1.00	Phorate	ND	0.20
Chlorfenvinphos	ND	0.20	Phosalone	ND	2.00
Chlorpyrifos	ND	0.20	Phosmet	ND	0.20
Chlorpyrifos methyl	ND	1.00	Piperonyl butoxide	ND	0.20
Chlorthiophos	ND	0.20	Pirimiphos ethyl	ND	0.20
Coumaphos	ND	0.20	Pirimiphos methyl	ND	0.20
Diazinon	ND	0.20	Profenofos	ND	0.40
Disulfoton	ND	0.20	Prothiofos	ND	0.20
Edifenphos	ND	0.20	Pyraclufos	ND	0.20
EPN	ND	0.40	Pyrazophos	ND	0.20
Ethion	ND	0.20	Pyridaphenthion	ND	0.20
Fenamiphos	ND	0.20	Quinalphos	ND	0.20
Fenchlorphos	ND	0.20	Sulfotep	ND	0.20
Fenitrothion	ND	0.20	Sulprofos	ND	0.20
Fenthion	ND	0.20	Terbufos	ND	0.20
Fonofos	ND	0.20	Tetrachlorvinfos	ND	0.20
Iodofenphos	ND	0.20	Toiclofos-methyl	ND	0.20
Isazophos	ND	0.20	Triazophos	ND	0.20



Pesticide Report

Client: Barlean's Organic Oils
3660 Slater Rd
Ferndale, WA 98248

Phone: (360) 384-0485
Email: Barlean's Organic Oils Group

Ref Number: 20-00340
PO Number: 010820MAB
Project Name: Finished Product

Analyst: Various
Supervisor: Kent Oostra

Date Collected:	1/8/2020	Date Received:	1/8/2020
Date Analyzed:	1/9/2020	Lab Number:	1216
Sample Description:		FG-10208, 2000068	

Analyte	Result (ppm)	LOQ (ppm)	Analyte	Result (ppm)	LOQ (ppm)
Organonitrogen Pesticides					
2,3,5,6-Tetrachloroaniline	ND	0.20	Metolachlor	ND	0.20
2,6-Dichlorobenzonitrile (Dichlobenil)	ND	0.20	MGK-264	ND	0.20
3,4-Dichloroaniline	ND	0.20	Myclobutanil	ND	0.20
Acetochlor	ND	0.20	N-(2,4-Dimethylphenyl)formamide	ND	0.20
Alachlor	ND	0.20	Nitralin	ND	0.20
Allidochlor	ND	0.20	Nitrofen	ND	0.20
Atrazine	ND	0.20	Norflurazon	ND	0.20
Benfluralin	ND	0.20	Oxadiazon	ND	0.20
Biphenyl	ND	0.20	Oxyfluorfen	ND	0.40
Bupirimate	ND	0.20	Paclobutrazol	ND	0.20
Captafol	ND	1.00	Pebulate	ND	0.20
Captan	ND	1.00	Penconazole	ND	0.20
Chlorfenapyr	ND	1.00	Pendimethalin	ND	0.20
Chlorothalonil	ND	0.20	Pentachloroaniline	ND	0.20
Clomazone (Command)	ND	0.20	Pentachlorobenzonitrile	ND	0.20
Cycloate	ND	0.20	Pentachloronitrobenzene (Quintozene)	ND	0.20
Cyprodinil	ND	0.20	Pretilachlor	ND	0.20
Diallate (cis & trans)	ND	0.40	Prochloraz	ND	0.20
Dichlofluanid	ND	0.20	Procymidone	ND	0.20
Dicloran	ND	0.20	Prodiamine	ND	0.20
Dimethachlor	ND	0.20	Profluralin	ND	0.20
Dlphenamid	ND	0.20	Propachlor	ND	0.20
Diphenylamine	ND	0.20	Propanil	ND	0.20
Ethalfuralin	ND	0.20	Propargite	ND	0.20
Etofenprox	ND	0.20	Propisochlor	ND	0.20
Etridiazole	ND	0.20	Propyzamide	ND	0.20
Fenarimol	ND	0.20	Pyridaben	ND	0.20
Fenpropathrin	ND	0.20	Pyrimethanil	ND	0.20
Flpronil	ND	0.20	Pyriproxyfen	ND	1.00
Fluchloralin	ND	0.20	Tebuconazole	ND	0.20
Fludloxonil	ND	0.20	Tebufenpyrad	ND	0.20
Fluquinconazole	ND	0.20	Terbacil	ND	0.20
Fluridone (Sonar)	ND	0.20	Terbutylazine	ND	0.20
Flusilazole	ND	0.20	Tetrachloronitrobenzene (Tecnazone)	ND	0.20
Flutolanil	ND	0.20	THPI (Tetrahydrophthalimide)	ND	0.20
Flutriafol	ND	0.20	Tolyfluanid	ND	0.20
Folpet	ND	0.20	Triadimefon	ND	0.20
Hexazinone (Velpar)	ND	1.00	Triadimenol	ND	0.20
Iprodione	ND	2.00	Triallate	ND	0.20
Isopropalin	ND	0.20	Tricyclazole (Beam)	ND	0.20
Lenacil	ND	1.00	Triflumizole	ND	0.20
Linuron	ND	0.20	Trifluralin	ND	0.20
Metazachlor	ND	0.20	Vinclozolin	ND	0.20
Methoxychlor	ND	0.20			



Pesticide Report

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3660 Slater Rd
Ferndale, WA 98248

Phone: (360) 384-0485
Email: Barlean's Organic Oils Group

Ref Number: 20-00340
PO Number: 010820MAB
Project Name: Finished Product

Analyst: Various
Supervisor: Kent Costra

Date Collected:	1/8/2020	Date Received:	1/8/2020
Date Analyzed:	1/9/2020	Lab Number:	1216
Sample Description:		FG-10208, 20000068	

Analyte	Result (ppm)	LOQ (ppm)
Synthetic Pyrethroid Pesticides		
Acrinathrin	ND	0.40
Anthraquinone	ND	0.20
Bifenthrin	ND	0.20
Bioallethrin	ND	0.20
cis-Permethrin	ND	0.20
Cyfluthrin	ND	0.40
Cypermethrin	ND	0.40
Deltamethrin	ND	0.20
Fenvalerate	ND	0.40

Analyte	Result (ppm)	LOQ (ppm)
Synthetic Pyrethroid Pesticides		
Flucythrinate	ND	0.20
Lambda-Cyhalothrin	ND	0.40
Phenothrin (cis & trans)	ND	0.40
Resmethrin	ND	0.20
tau-Fluvalinate	ND	0.20
Tefluthrin	ND	0.20
Tetramethrin	ND	0.20
trans-Permethrin	ND	0.20
Transfluthrin	ND	0.20

Analyte	Result (ppm)	LOQ (ppm)
Herbicide Methyl Esters		
2-Phenylphenol	ND	0.20
Acequinocyl	ND	2.0
Bromopropylate	ND	0.20
Carfentrazone ethyl	ND	0.20
Chlorobenzilate	ND	0.20

Analyte	Result (ppm)	LOQ (ppm)
Herbicide Methyl Esters		
Chlorpropham	ND	0.20
Chlozollinate	ND	0.20
DCPA methyl Ester (chlorthal-dimethyl)	ND	0.20
Fluazifop-p-butyl	ND	0.20
Metalaxyl	ND	0.20




Certificate of Analysis

Client: Barlean's Organic Oils
3660 Slater Rd
Ferndale, WA 98248

Invoice Number: 20-00340
PO Number: 010820MAB
Received Date: 1/8/2020

Phone: (360) 384-0485
Fax: (360) 384-1746
Email: Barleans Organic Oils Group

Approved By: 
Approved Date: 1/13/2020
Project Name: Finished Product

Lab #: 1216	Sample: FG-10208, 20000068	Sample Date: 1/8/2020				
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Heavy Metals						
Arsenic	<0.01	ppm	0.01	ESS_3.2.1.202 ICP-MS	MR	1/11/2020
Cadmium	<0.01	ppm	0.01	ESS_3.2.1.202 ICP-MS	MR	1/11/2020
Lead	0.011	ppm	0.01	ESS_3.2.1.202 ICP-MS	MR	1/11/2020
Mercury	<0.01	ppm	0.01	ESS_3.2.1.207 ICP-MS	MR	1/11/2020
Organic Chemistry						
Class 1 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/10/2020
Class 2 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/10/2020
Class 3 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/10/2020

ND = Not detected above the listed detection limit

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