



Lot : 21000491

Item Number : FG-10207

Description : CBD for Dogs 1.5oz 25mg CBD per 20 Drops

Batch Date : 1/18/2021

Expiration Date : 7/25/2022

Batch Size : 1,250

Qty Produced : 1,119



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: 21-01346 Revised
PO Number: 012621MAB-3
Received Date: 1/26/2021

Approved By: 
Approved Date: 2/3/2021
Project Name: Finished Products

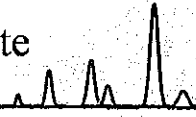
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Certificate of Analysis

Lab #: 5399	Sample: FG-10207, 21000491	Sample Date: 1/26/2021				
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Allergen						
Allergen:Gluten-r	<5	ppm		ESS_6.2.6-2.10.38	MH	1/27/2021
General Chemistry						
Density	0.926	g/mL		ESS_3.3.6.225	SO	1/28/2021
Microbial Enumeration						
Aerobic Plate Count	<10	cfu/g	10	ESS_2.2.1	AH	1/28/2021
Staphylococcus aureus	Negative	cfu/g	10	ESS_2.2.3	AH	1/28/2021
Coliform	Negative	cfu/g	10	ESS_2.2.17	AH	1/27/2021
E. coli	Negative	cfu/g	10	ESS_2.2.17	AH	1/27/2021
Yeast	Negative	cfu/g	10	ESS_2.2.4.c	AH	1/28/2021
Mold	Negative	cfu/g	10	ESS_2.2.4.c	AH	1/28/2021
Microbiology Pathogens						
Salmonella spp	Negative	per 25 grams		ESS_2.2.6	ER	1/27/2021
Organic Chemistry						
Total Cannabinoids	30.7	mg/g		ESS_3.1.7.226	JF	1/27/2021
Glyphosate	<10	ppb	0.01	Glyphosphate	cjs	1/27/2021
Total CBD (CBD + CBDA)	28.76	mg/g		ESS_3.1.7.226c MOU-0.0042%	JF	1/26/2021
CBDV	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
CBDA	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
CBGA	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
CBG	0.05	%		ESS_3.1.7.226	JF	1/27/2021
CBD	2.88	%		ESS_3.1.7.226	JF	1/27/2021
THCV	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
CBN	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
d-9 THC	0.11	%		ESS_3.1.7.226	JF	1/27/2021
d-8 THC	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
CBC	0.04	%		ESS_3.1.7.226	JF	1/27/2021
THCA	< 0.01	%		ESS_3.1.7.226	JF	1/27/2021
Total THC (d-9 THC + THCA)	0.11	%		ESS_3.1.7.226c MOU-0.0042%	JF	1/26/2021
CBD	26.63	mg/mL		ESS_3.1.7.226c MOU-0.0042%	JF	1/26/2021
Proximate						
Moisture	0.23	%		ESS_3.3.6.200.a	SO	2/2/2021
Fat	93.25	%		ESS_3.3.6.205	AB	1/29/2021

ND = Not detected above the listed detection limit
MM = Modified Method
RR = Revised Result



Certificate ID: **91851**
Client Sample ID: **FG-10207**
Lot Number: **21000491**
Matrix: **Tincture/Infused Oil - MCT Oil**

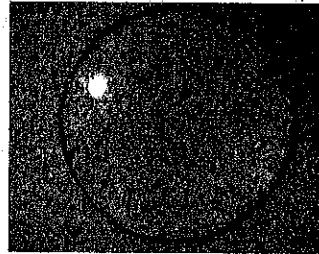
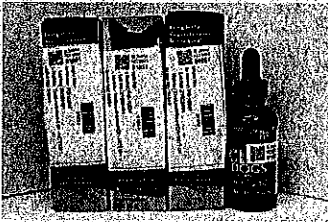
Received: **1/27/21**

Scan QR Code for authenticity



Barlean's
3660 Slater Road
Ferndale, WA 98248
Attn: Quality Control Team

Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 2/3/2021
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The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2017. 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]

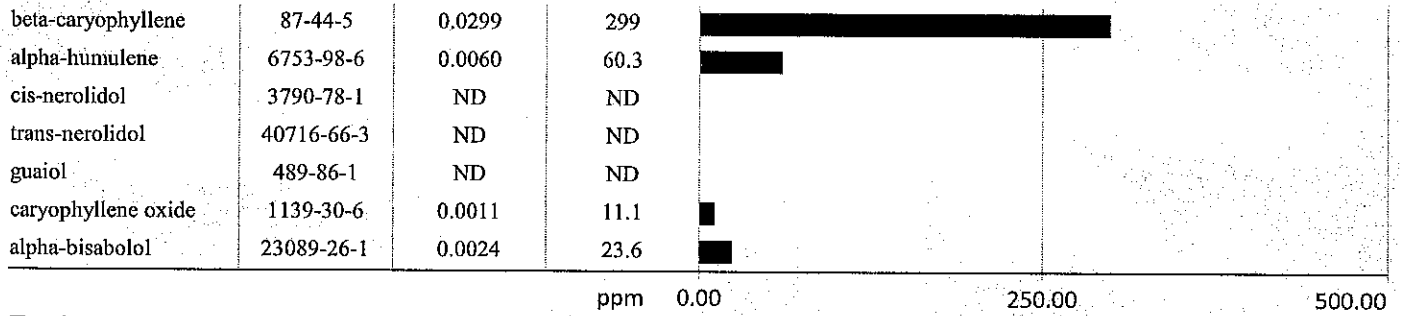
Analyst: **AEG**

Test Date: **1/28/2021**

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

91851-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	<RL	<RL	
camphene	79-92-5	ND	ND	
sabinene*	3387-41-5	ND	ND	
beta-myrcene	123-35-3	0.0051	50.7	█
beta-pinene	127-91-3	0.0006	5.82	█
alpha-phellandrene	99-83-2	ND	ND	
delta-3-carene	13466-78-9	ND	ND	
alpha-terpinene	99-86-5	ND	ND	
alpha-ocimene	502-99-8	ND	ND	
D-limonene	138-86-3	0.0025	24.8	█
p-cymene	99-87-6	ND	ND	
cis-beta-ocimene	3338-55-4	<RL	<RL	
eucalyptol	470-82-6	<RL	<RL	
gamma-terpinene	99-85-4	<RL	<RL	
terpinolene	586-62-9	<RL	<RL	
linalool	78-70-6	0.0007	6.66	█
L-fenchone*	7787-20-4	<RL	<RL	
isopulegol	89-79-2	ND	ND	
menthol*	89-78-1	0.0011	11.1	█
geraniol	106-24-1	ND	ND	



Total Terpene: 0.1 wt%

* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

END OF REPORT



Certificate of Analysis

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

Phone: (360) 384-0485

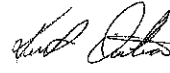
Fax: (360) 384-1746

Email: Barleans Organic Oils Group

Invoice Number: 21-01346

PO Number: 012621MAB-3

Received Date: 1/26/2021

Approved By: 

Approved Date: 1/29/2021

Project Name: Finished Products

Lab #: 5400	Sample: FG-10207, 21000491	Sample Date: 1/26/2021				
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Heavy Metals						
Arsenic	<0.01	ppm	0.01	ESS_3.2.1.202 ICP-MS	MH	1/29/2021
Cadmium	<0.01	ppm	0.01	ESS_3.2.1.202 ICP-MS	MH	1/29/2021
Lead	0.0168	ppm	0.01	ESS_3.2.1.202 ICP-MS	MH	1/29/2021
Mercury	<0.01	ppm	0.01	ESS_3.2.1.207 ICP-MS	MH	1/29/2021
Organic Chemistry						
Class 1 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/27/2021
Class 2 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/27/2021
Class 3 - Solvents	Conforms to USP 467	C/F		ESS_3.1.8.500	EM	1/27/2021



Pesticide Report

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

Ref Number: 21-01346
PO Number: 012621MAB-3
Project Name: Finished Product

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

Analyst: Various
Supervisor: Kent Costra

Date Collected:	1/26/2021	Date Received:	1/26/2021
Date Analyzed:	2/1/2021	Lab Number:	5400
Sample Description:		FG-10207, 21000491	

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	0.20
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	0.20
Bromophos methyl	ND	0.20	Parathion (Ethyl parathion)	ND	0.20
Carbophenothion	ND	1.00	Phorate	ND	0.20
Chlorfeninfos	ND	0.20	Phosalone	ND	2.00
Chlorpyrifos	ND	0.20	Phosmet	ND	1.00
Chlorpyrifos methyl	ND	1.00	Piperonyl butoxide	ND	1.00
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	Prothiophos	ND	0.20
Edifenphos	ND	0.20	Pyraclifos	ND	0.20
EPN	ND	2.00	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	Tetrachlorinfos	ND	0.20
Iodofenphos	ND	0.20	Tolclofos-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: 21-01346
PO Number: 012621MAB-3
Project Name: Finished Product

Analyst: Various
Supervisor: Kent Oostra

Date Collected: 1/26/2021	Date Received: 1/26/2021
Date Analyzed: 2/1/2021	Lab Number: 5400
Sample Description: FG-10207, 21000491	

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	5.00	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 (Quintozone)	ND	0.20
Cyprodinil	ND	0.20	Pretilachlor	ND	0.20
Diallate (cis & trans)	ND	0.40	Prochloraz	ND	0.20
Dichlofuanid	ND	0.20	Procymidone	ND	0.20
Dicloran	ND	0.20	Prodiamine	ND	0.20
Dimethachlor	ND	0.20	Profluralin	ND	0.20
Diphenamid	ND	0.20	Propachlor	ND	0.20
Dipheynlamine	ND	0.20	Propanil	ND	0.20
Ethalfurallin	ND	0.20	Propargite	ND	1.00
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
Fipronil	ND	0.20	Pyriproxyfen	ND	1.00
Fluchloralin	ND	0.20	Tebuconazole	ND	0.20
Fludioxonil	ND	0.20	Tebufenpyrad	ND	0.20
Fluquinconazole	ND	0.20	Terbacil	ND	0.20
Fluridone (Sonar)	ND	1.00	Terbuthylazine	ND	0.20
Flusilazole	ND	0.20	Tetrachloronitrobenzene (Tecnazene)	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	0.20	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

Ref Number: 21-01346
PO Number: 012621MAB-3
Project Name: Finished Product

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

Analyst: Various
Supervisor: Kent Oostra

Date Collected:	1/26/2021	Date Received:	1/26/2021
Date Analyzed:	2/1/2021	Lab Number:	5400
Sample Description:		FG-10207, 21000491	

Analyte	Result (ppm)	LOQ (ppm)	Analyte	Result (ppm)	LOQ (ppm)
Synthetic Pyrethroid Pesticides					
Acrinathrin	ND	0.40	Flucythrinate	ND	0.20
Anthraquinone	ND	0.20	Lambda-Cyhalothrin	ND	0.40
Bifenthrin	ND	1.00	Phenothrin (cis & trans)	ND	0.40
Bioallethrin	ND	0.20	Resmethrin	ND	1.00
cis-Permethrin	ND	0.20	tau-Fluvalinate	ND	0.20
Cyfluthrin	ND	0.40	Tefluthrin	ND	0.20
Cypermethrin	ND	0.40	Tetramethrin	ND	1.00
Deltamethrin	ND	0.20	trans-Permethrin	ND	0.20
Fenvalerate	ND	2.00	Transfluthrin	ND	0.20
Herbicide Methyl Esters					
2-Phenylphenol	ND	0.20	Chlorpropham	ND	0.20
Acequinocyl	ND	2.0	Chlozolate	ND	0.20
Bromopropylate	ND	0.20	DCPA methyl Ester (chlorthal-dimethyl)	ND	0.20
Carfentrazone ethyl	ND	0.20	Fluazifop-p-butyl	ND	0.20
Chlorobenzilate	ND	0.20	Metalaxyl	ND	0.20