PROVERDE LABORATORIES

Test Certificate

Certificate ID: **19665**
Client Sample ID: **CBD Oil - Lot #OC17191**
Matrix: **Tincture - Hemp Oil**
Date Received: **7/20/2017**

Ojai Energetics
318 Graves Ave
Oxnard, CA 93030
Attn: William Kleidon

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Authorization:	Signature:	Date:
Chris Hudalla, Chief Science Officer	Christopher Hudalla	7/26/2017

CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: JFD *Test Date: 7/21/2017*

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

19665-CN

ID	Weight %	Conc.
Δ9-THC	0.02 wt %	0.27 mg/mL
THCV	-	-
CBD	0.84 wt %	9.40 mg/mL
CBDV	0.00 wt %	0.05 mg/mL
CBG	0.01 wt %	0.06 mg/mL
CBC	0.03 wt %	0.39 mg/mL
CBN	0.00 wt %	0.00 mg/mL
THCA	-	-
CBDA	-	-
CBGA	-	-
Total	0.91 wt%	10.18 mg/mL
Max THC	0.02 wt%	0.27 mg/mL
Max CBD	0.84 wt%	9.40 mg/mL

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC.

EA: Elemental Analysis [WI-10-13] *Analyst: JFD* *Test Date: 7/25/2017*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

19665-EA

Symbol	Metal	Conc.[1]	MDL	Limits[2]
Al	Aluminum	14,478 ug/kg	5 ug/kg	-
As	Arsenic	47 ug/kg	4 ug/kg	200 ug/kg
Br	Bromine	15,702 ug/kg	5000 ug/kg	-
Cd	Cadmium	ND	1 ug/kg	200 ug/kg
Ca	Calcium	237,518 ug/kg	500 ug/kg	-
Cr	Chromium	61 ug/kg	5 ug/kg	-
Co	Cobalt	ND	10 ug/kg	-
Cu	Copper	525 ug/kg	500 ug/kg	-
Fe	Iron	28,598 ug/kg	5 ug/kg	-
Pb	Lead	ND	2 ug/kg	500 ug/kg
Mg	Magnesium	218,693 ug/kg	500 ug/kg	-
Mn	Manganese	2,339 ug/kg	500 ug/kg	-
Hg	Mercury	ND	2 ug/kg	100 ug/kg
Mo	Molybdenum	ND	5000 ug/kg	-
Ni	Nickel	ND	500 ug/kg	-
P	Phosphorus	294,057 ug/kg	500 ug/kg	-
K	Potassium	1,382,989 ug/kg	5 ug/kg	-
Se	Selenium	12 ug/kg	10 ug/kg	-
Ag	Silver	ND	10 ug/kg	-
S	Sulfur	2,551 ug/kg	5 ug/kg	-
Sn	Tin	ND	5000 ug/kg	-
Zn	Zinc	1,352 ug/kg	5 ug/kg	-

1) ND = None detected to the Method Detection Limit (MDL)
2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.

PST: Pesticide Analysis [WI-10-11] *Analyst: KSB* *Test Date: 7/24/2017*

The client sample was anlayzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

19665-PST

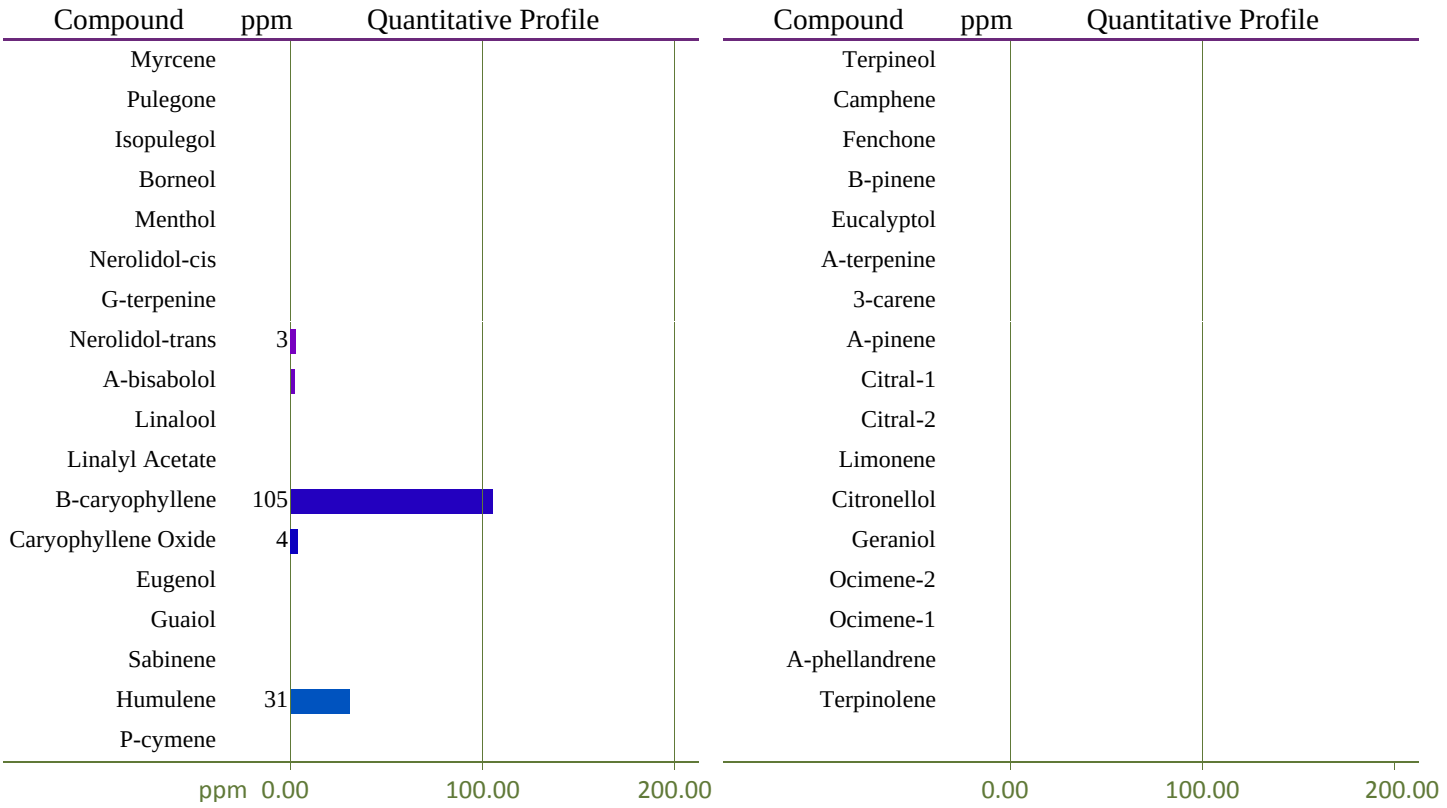
Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.2	10	PASS
Acequinocyl	57960-19-7	ND	ppb	0.5	10	*
Azoxystrobin	131860-33-8	ND	ppb	0.1	10	PASS
Bifenazate	149877-41-8	ND	ppb	0.1	10	PASS
Bifenthrin	82657-04-03	ND	ppb	0.2	10	PASS
Chlormequat chloride	999-81-5	ND	ppb	0.1	10	*
Cyfluthrin	68359-37-5	ND	ppb	0.5	10	*
Daminozide	1596-84-5	ND	ppb	10	10	*
Dichlorvos	62-73-7	ND	ppb	3	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.1	10	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.1	10	PASS
Imazalil	35554-44-0	ND	ppb	0.1	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.1	10	PASS
Myclobutanil	88671-89-0	ND	ppb	0.1	10	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.1	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.1	10	PASS
Pyrethrin	8003-34-7	ND	ppb	0.1	10	PASS
Spinosad	168316-95-8	ND	ppb	0.1	10	PASS
Spiromesifen	283594-90-1	ND	ppb	0.1	10	PASS
Spirotetramat	203313-25-1	ND	ppb	0.1	10	PASS
Trifloxystrobin	141517-21-7	4	ppb	0.1	10	PASS

* Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5. ND indicates "none detected" above the 10ppb threshold. Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

TP: Terpenes Profile [WI-10-08] *Analyst: CJH* *Test Date: 7/21/2017*

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.

19665-TP



Total Terpene: <0.1 wt%

* Indicates qualitative calculation based on recorded peak areas.

420 Fortune Blvd. • Milford, MA 01757 • 617-221-3356
www.ProVerdeLabs.com

VC: Analysis of Volatile Oranic Compounds [WI-10-07] *Analyst: CJH* *Test Date: 7/21/2017*

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.

19665-VC

Compound	CAS	Amount [1]	Limit [2]	Status
Methanol	67-56-1	76 ppm	3,000 ppm	PASS
Ethanol	64-17-5	ND	5,000 ppm	PASS
Ethyl Ether	60-29-7	8 ppm	5,000 ppm	PASS
Acetone	67-64-1	8 ppm	5,000 ppm	PASS
Isopropanol	67-63-0	9 ppm	5,000 ppm	PASS
Acetonitrile	75-05-8	13 ppm	410 ppm	PASS
3-methylpentane	96-14-0	18 ppm	N/A	-
Hexane	110-54-3	ND	290 ppm	PASS
2-butanone	78-93-3	6 ppm	N/A	-
Heptane	142-82-5	27 ppm	5,000 ppm	PASS

1) ND = None detected above 5 ppm.
2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

END OF REPORT

420 Fortune Blvd. • Milford, MA 01757 • 617-221-3356
www.ProVerdeLabs.com