



Certificate of Analysis
September 26, 2017

Sample ID: FP-17-0818
Product name Plus cbd oil Capsules
Batch/Lot#: QH834A
Strength: 15mg 60ct

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	13.55	HPLC	VK
CBDV	0.29	HPLC	VK
CBDA	0.20	HPLC	VK
CBG	0.00	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.00	HPLC	VK
CBN	0.00	HPLC	VK
Δ^9 -THC	0.35	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 14.4 mg
Sample size: 1 Capsule
THC by mass: 0.0631 %


SEP 26 2017

Analyst

Date

Vandana Kothari, M.S., B.Pharm.
Analytical Chemist


SEP 26 2017

Reviewed By

Date

Dalia Chandler, M.S., B.S.
QA/QC Manager

Certificate of Analysis

Sample Name: (FP-17-0818) Plus cbd oil 15mg 60ct capsule
s lot: QH834A
Tested for: CV Sciences
Sample ID: 170923M001
Date Submitted: 09/23/2017
Sample Type: Infused

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	<1,000 cfu/g	E. coli	ND
Pseudomonas	ND	Coliforms	<100 cfu/g
Total Aerobic Plate Count	700 cfu/g	Salmonella	ND

Total Sample Weight: 0.5430 Grams

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g / %		mg/g / %
α Bisabolol	N/A	α Terpinene	N/A
α Pinene	N/A	Linalool	N/A
3 Carene	N/A	Limonene	N/A
Borneol	N/A	Myrcene	N/A
β Caryophyllene	N/A	Fenchol	N/A
Geraniol	N/A	α Phellandrene	N/A
α Humulene	N/A	Caryophyllene Oxide	N/A
Terpinolene	N/A	Terpineol	N/A
Valencene	N/A	β Pinene	N/A
Menthol	N/A	R-(+)-Pulegone	N/A
Nerolidol	N/A	Geranyl Acetate	N/A
Camphene	N/A	Citronellol	N/A
Eucalyptol	N/A	p-Cymene	N/A
α Cedrene	N/A	Ocimene	N/A
Camphor	N/A	Guaiol	N/A
(-)-Isopulegol	N/A	Phytol	N/A
Sabinene	N/A	Isoborneol	N/A
γ Terpinene	N/A		

Total Terpene Concentration: N/A

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

Propane	ND	Ethanol	ND
Methanol	ND	Isopropanol	ND
Isobutane	ND	Mercaptan	ND
2,2-Dimethylbutane	ND	2-Methylpentane	ND
3-Methylpentane	ND	Cyclohexane + Benzene	ND
Isopentane	ND	Neopentane	ND
n Butane	ND	n Heptane	ND
n Hexane	ND	n Pentane	ND

Sample Certification



Scan to verify at sclabs.com


Josh Wurzer, President

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

Cannabinoid Summary

Total THC	Δ9THC+THCa	0.35 mg
Total CBD	CBD+CBDa	14.20 mg

Full Canabinoid Profile

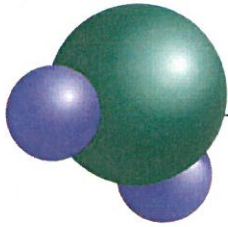
THC	0.65 mg/g
THCa	ND
CBD	25.91 mg/g
CBDa	0.25 mg/g
CBN	ND
CBDV	0.31 mg/g
CBDVa	ND
CBG	0.43 mg/g
CBGa	ND
THCV	ND
Δ8 - THC	ND
CBC	1.23 mg/g

Total Active Cannabinoids: 28.78 mg/g

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

	Reporting Limit
Acequinocyl	Not Detected 1
Abamectin	Not Detected 0.25
Bifenezate	Not Detected 0.1
Daminozide	Not Detected 0.5
Fenoxycarb	Not Detected 0.1
Imidacloprid	Not Detected 0.2
Myclobutanil	Not Detected 0.1
Paclobutrazol	Not Detected 0.2
Pyrethrins	Not Detected 0.5
Spinosad	Not Detected 0.1
Spiromesifen	Not Detected 0.1
Spirotetramat	Not Detected 0.1



Analytical Report
September 28, 2017

Vandana Kothari
CV Sciences
3030 Bunker Hill St.
Suite 107
San Diego, CA 92109

Page 1 of 1
WO Number: W17I0707

Client: CV Sciences
Client #: C2662
Sample Type: Capsule
Collector: Client

Customer PO: C2662
Date Received: 9/25/2017
Date Completed: 09/28/2017
Discard Date: 10/12/2017

CSL# 17I1813 +CBD Oil Capsules 15mg 60ct - (FP-17-0818) - Lot#: QH834A

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.50 ppm	0.50	ICP MS	09/27/17	ALC
Cadmium	<0.25 ppm	0.25	ICP MS	09/27/17	ALC
Lead	0.083 ppm	0.050	ICP MS	09/27/17	AW
Mercury	<0.10 ppm	0.10	ICP MS	09/27/17	ALC

CSL# 17I1813

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.26 ug/cap	NA	0.53 g	NA
Cadmium	<0.13 ug/cap	NA	0.53 g	NA
Lead	0.044 ug/cap	NA	0.53 g	NA
Mercury	<0.053 ug/cap	NA	0.53 g	NA

Respectfully Submitted,
Chemical Solutions, Ltd.

Joshua Reichert
Reviewed and Approved
Sep 28 2017 3:40 PM

QA Representative

cosign

Notes:

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The units for the PQL are the same as those shown for the result.