

Certificate of Analysis

July 18, 2017

Sample ID: FP-17-0581

Product name plus cbd oil gold softgels blister pack

Batch/Lot#: QG760

Strength: 15mg 10ct

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	14.40	HPLC	VK
CBDV	0.28	HPLC	VK
CBDA	0.43	HPLC	VK
CBG	0.13	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.70	HPLC	VK
CBN	0.11	HPLC	VK
Δ ⁹ -THC	0.26	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 16.3 mg
Sample size: 1 softgel
THC by mass: 0.0699 %


 JUL 19 2017

Analyst

Date

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


 JUL 19 2017

Reviewed By

Date

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

Sample Name: (FP-17-0581) Plus cbd oil gold soft gel bli ster pack 15mg 10ct Lot:QG760
 Tested for: CV Sciences
 Sample ID: 170715P007
 Date Submitted: 07/15/2017
 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	<1,000 cfu/g	Salmonella	ND

Total Sample Weight: 0.3780 Grams

Cannabinoid Test Results

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

Cannabinoid Summary

Total THC	Δ9THC+THCa	ND
Total CBD	CBD+CBDa	14.86 mg

Full Cannabinoid Profile

THC	ND
THCa	ND
CBD	39.32 mg/g
CBDa	ND
CBN	ND
CBDV	0.56 mg/g
CBDVa	ND
CBG	0.47 mg/g
CBGa	ND
THCV	ND
Δ8 - THC	ND
CBC	2.78 mg/g

Total Active Cannabinoids: 43.13 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
Bifentazate	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

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

Total Terpene Concentration: N/A

Residual Solvent Test Results

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

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

Sample Certification



Scan to verify at sclabs.com


 Josh Wurzer, President



Analytical Report

July 24, 2017

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

Page 1 of 1
WO Number: W17G0538

Client: CV Sciences
Client #: C2662
Sample Type: Soft Gel
Collector: Client

Customer PO: C2662
Date Received: 7/19/2017
Date Completed: 07/20/2017
Discard Date: 08/04/2017

CSL#: 17G1610 Plus CBD Oil Gold Softgels Blister Pack (FP-17-0581) - Lot#: QG760

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.5 ppm	0.5	ICP MS	07/20/17	AW
Cadmium	<0.25 ppm	0.25	ICP MS	07/20/17	AW
Lead	<0.05 ppm	0.05	ICP MS	07/20/17	ALC
Mercury	<0.1 ppm	0.1	ICP MS	07/20/17	AW

CSL#: 17G1610

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.19 ug/softgel	NA	0.38 g	NA
Cadmium	<0.095 ug/softgel	NA	0.38 g	NA
Lead	<0.019 ug/softgel	NA	0.38 g	NA
Mercury	<0.038 ug/softgel	NA	0.38 g	NA

Respectfully Submitted,
Chemical Solutions, Ltd.

Mercedes D. Naugle
QA Representative

Mercedes Naugle
Reviewed and Approved
Jul 24 2017 11:17 AM

cosign

Notes:

CONFIDENTIAL REPORT. This report is confidential and is for the sole use of the addressee.
This report can only be reproduced in full.
The units for the PQL are the same as those shown for the result.