

Certificate of Analysis
September 26, 2017

Sample ID: FP-17-0823
Product name: Vanilla original spray WL
Batch/Lot#: 7227309W
Strength: 1oz 100mg

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	98.49	HPLC	VK
CBDV	1.99	HPLC	VK
CBDA	3.93	HPLC	VK
CBG	0.98	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.00	HPLC	VK
CBN	0.00	HPLC	VK
Δ ⁹ -THC	1.54	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 106.9 mg
Sample size: 34 g
THC by mass: 0.0045 %


 SFP 26 2017


 SEP 26 2017

Analyst _____ Date _____

Reviewed By _____ Date _____

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

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

Sample Name: (FP-17-0823) 1oz 100mg vanilla spray WL lot : 7227309W
 Tested for: CV Sciences
 Sample ID: 170923M007
 Date Submitted: 09/23/2017
 Sample Type: Infused

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	300 cfu/g	E. coli	ND
Pseudomonas	ND	Coliforms	<100 cfu/g
Total Aerobic Plate Count	<1,000 cfu/g	Salmonella	ND

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	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

Total Sample Weight: 34.0000 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	88.74 mg

Full Canabinoid Profile

THC	ND
THCa	ND
CBD	2.56 mg/g
CBDa	0.05 mg/g
CBN	ND
CBDV	0.04 mg/g
CBDVa	0.00 mg/g
CBG	0.04 mg/g
CBGa	ND
THCV	ND
Δ8 - THC	ND
CBC	0.13 mg/g

Total Active Cannabinoids: 2.82 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
Pacllobutrazol	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 27, 2017

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

Page 1 of 1
WO Number: W1710706


Client: CV Sciences
Client #: C2662
Sample Type: Liquid Product-Mass
Collector: Client

Customer PO: C2662
Date Received: 9/25/2017
Date Completed: 09/27/2017
Discard Date: 10/11/2017

CSL# 1711810 1oz 100mg Vanilla Spray WL - (FP-17-0823) - Lot#: 7227309W

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.50 ppm	0.50	ICP MS	09/26/17	ALC
Cadmium	<0.25 ppm	0.25	ICP MS	09/26/17	ALC
Lead	<0.050 ppm	0.050	ICP MS	09/26/17	HG
Mercury	<0.10 ppm	0.10	ICP MS	09/26/17	ALC

Respectfully Submitted,
Chemical Solutions, Ltd.


QA Representative

Joshua Reichert
Reviewed and Approved
Sep 27 2017 6:24 PM

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Notes:

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