

## Certificate of Analysis

November 19, 2018

**Sample ID:** FP-18-1229  
**Product name** Plus cbd oil hemp capsules  
**Batch/Lot#:** RJ049  
**Strength:** 15mg 60ct  
**Expiration:** 10/20

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	VK
Color	Pass	Organoleptic	VK
Aroma	Pass	Organoleptic	VK

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
<b>CBD</b>	<b>14.18</b>	HPLC	VK
CBDV	0.35	HPLC	VK
CBDA	0.55	HPLC	VK
CBG	0.20	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.72	HPLC	VK
CBN	0.12	HPLC	VK
$\Delta^9$ -THC	0.37	HPLC	VK
THCA	0.28	HPLC	VK
<b>Total cannabinoids:</b>	<b>16.8 mg</b>		
<b>Sample size:</b>	<b>1.0 Capsule</b>		
<b>THC by mass:</b>	<b>0.0750 %</b>		

*VK*  
 NOV 19 2018

*DA*  
 NOV 19 2018

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
 Vandana Kothari, M.S., B.Pharm.  
 Analytical Chemist

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
 Dalia Chandler, M.S., B.S.  
 QA/QC Manager



# Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.  
Las Vegas, NV 89146  
Dalia Chandler

Sample

1811DBL0105.6215

Batch FP-18-1229

Lot RJ049

Ordered 11/15/2018

Completed 11/20/2018

## Plus CBD Oil 60ct 15mg Green Hemp Capsules 10/20

### Cannabinoids

<b>14.85</b>	<b>2.80</b>	<b>0.53</b>	
Total CBD (mg/unit)	% Total CBD	Unit weight (g)	
Cannabinoid	LOQ %	Mass %	
		Concentration mg/g	
CBD	0.04	2.8	28.0
CBDA	0.04	<LOQ	<LOQ
d9-THC	0.04	<LOQ	<LOQ
THCA-A	0.04	<LOQ	<LOQ
d8-THC	0.04	<LOQ	<LOQ
THCV	0.04	<LOQ	<LOQ
CBDV	0.04	<LOQ	<LOQ
CBDVA	0.04	<LOQ	<LOQ
CBGA	0.04	<LOQ	<LOQ
CBG	0.04	<LOQ	<LOQ
CBN	0.04	<LOQ	<LOQ
CBC	0.04	0.1	1.2
CBL	0.04	<LOQ	<LOQ

Total CBD = CBDA + CBD

### Pesticides/Plant Growth Regulators

Pesticides	Status	Sample (PPB)	LOQ (PPB)
Acequinocyl	PASS	<LOQ	10
Abamectin	PASS	<LOQ	10
Bifenazate	PASS	<LOQ	10
Fenoxycarb	PASS	<LOQ	10
Fludioxonil	PASS	<LOQ	10
Imidacloprid	PASS	<LOQ	10
Myclobutanil	PASS	<LOQ	10
Pyrethrin	PASS	<LOQ	10
Spinosad	PASS	<LOQ	10
Spiromesifen	PASS	<LOQ	10
Spirotetramat	PASS	<LOQ	10
Plant Growth Regulators			
Daminozide	PASS	<LOQ	10

### Residual Solvents

Compound	Status	Limit (PPM)
Propane	PASS	500
Methanol	PASS	500
Isobutane	PASS	500
Ethanol	PASS	500
Isopropanol	PASS	500
Isopentane	PASS	500
n-Butane	PASS	500
n-Hexane	PASS	500
2,2-Dimethylbutane	PASS	500
3-Methylpentane	PASS	500
2-Methylpentane	PASS	500
Cyclohexane	PASS	500
Neopentane	PASS	500
n-Heptane	PASS	500
n-Pentane	PASS	500
Benzene	PASS	500

### Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	1,000
Qualitative Analysis		Detected or Not-detected		
E. Coli	PASS		Not-detected	
Salmonella	PASS		Not-detected	
Pseudomonas	PASS		Not-detected	

### Heavy Metals

Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	326	19	2000
Cadmium	PASS	<LOQ	19	820
Mercury	PASS	<LOQ	19	400
Lead	PASS	273	19	1200



*Stacy Gardalen*

Stacy Gardalen  
Director

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.