



This report cannot be used for ODA, OHA or OLCC compliance requirements.

**Product identity:** Tincture 500mg Strawberry  
**Laboratory ID:** 19-009812-0010

**Client/Metric ID:** .  
**Sample Date:**

## Summary

### Potency:

Analyte per 30g	Result	Limits	Units	LOQ	
CBD per 30g	564		mg/30g	1.00	CBD-Total per 30g 564 mg/30g
CBDV per 30g†	5.34		mg/30g	1.00	THC-Total per 30g < 1.878 mg/30g
					(Reported in milligrams per serving)

### Terpenes:

Analyte	Percent by weight	Analyte	Percent by weight
(R)-(+)-Limonene†	0.0641	Total Terpenes†	0.0641



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**Customer:** Nirvana CBD

**Product identity:** Tincture 500mg Strawberry

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-009812-0010

**Relinquished by:** Patrick Mulcahy

**Temp:** 26.6 °C

**Serving Size #1:** 30 g

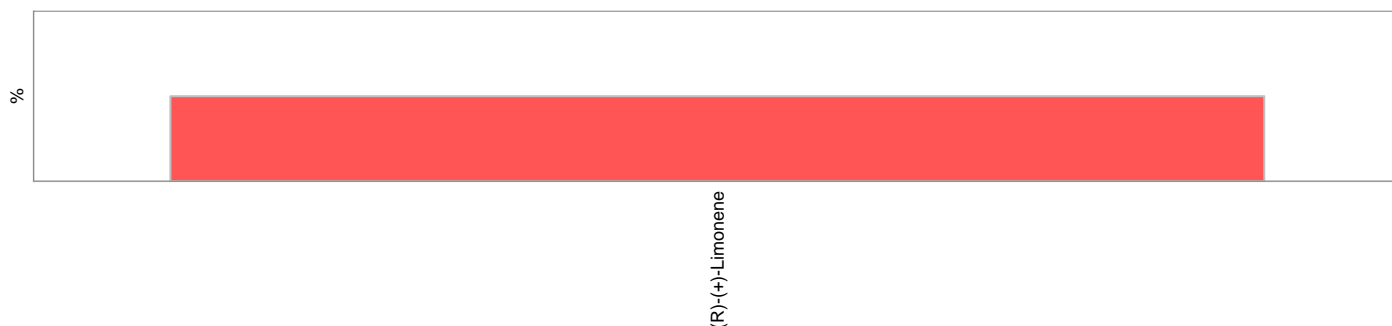
## Sample Results

Potency per 30g				Batch: 1907558			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBC-A per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBC-Total per 30g <sup>†</sup>	< LOQ		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBD per 30g	564		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBD-A per 30g	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBD-Total per 30g	564		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBDV per 30g <sup>†</sup>	5.34		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBDV-A per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBDV-Total per 30g <sup>†</sup>	5.34		mg/30g	1.87	08/22/19	J AOAC 2015 V98-6	
CBG per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBG-A per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBG-Total per 30g <sup>†</sup>	< LOQ		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBL per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBN per 30g	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
Δ8-THC per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
Δ9-THC per 30g	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THC-A per 30g	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THC-Total per 30g	< LOQ		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
THCV per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THCV-A per 30g <sup>†</sup>	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THCV-Total per 30g <sup>†</sup>	< LOQ		mg/30g	1.87	08/22/19	J AOAC 2015 V98-6	



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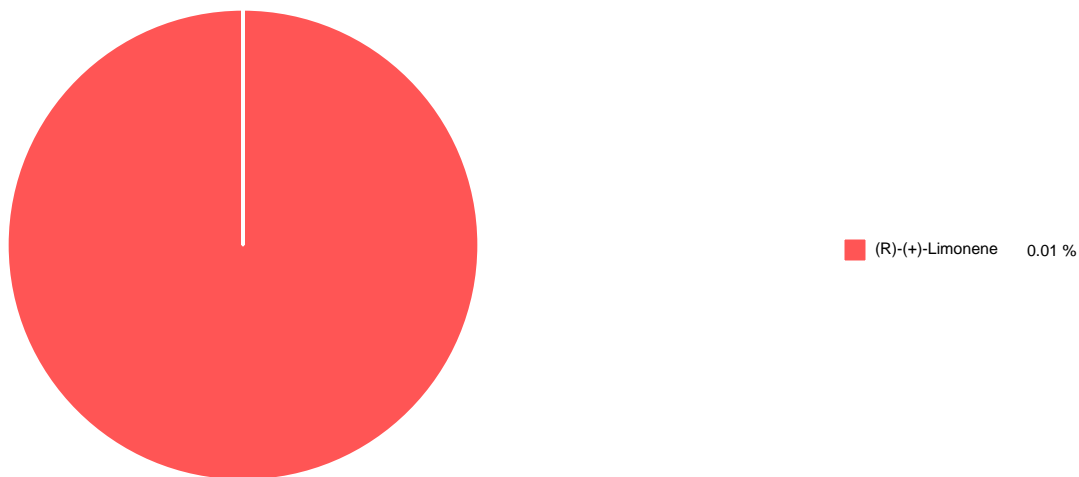
Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1907400	Analyze 08/16/19 01:53 PM
Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes
(R)-(+)-Limonene <sup>†</sup>	0.0641	0.020		(-)-a-Terpineol <sup>†</sup>	< LOQ	0.020	
(-)-caryophyllene oxide <sup>†</sup>	< LOQ	0.020		(-)-Guaiol <sup>†</sup>	< LOQ	0.020	
(-)-Isopulegol <sup>†</sup>	< LOQ	0.020		(-)-β-Pinene <sup>†</sup>	< LOQ	0.020	
(+)-Borneol <sup>†</sup>	< LOQ	0.020		(+)-Cedrol <sup>†</sup>	< LOQ	0.020	
(+)-fenchol <sup>†</sup>	< LOQ	0.020		(+)-Pulegone <sup>†</sup>	< LOQ	0.020	
(±)-Camphor <sup>†</sup>	< LOQ	0.020		(±)-cis-Nerolidol <sup>†</sup>	< LOQ	0.020	
(±)-fenchone <sup>†</sup>	< LOQ	0.020		(±)-trans-Nerolidol <sup>†</sup>	< LOQ	0.020	
a-Bisabolol <sup>†</sup>	< LOQ	0.020		a-cedrene <sup>†</sup>	< LOQ	0.020	
a-phellandrene <sup>†</sup>	< LOQ	0.020		a-pinene <sup>†</sup>	< LOQ	0.020	
a-Terpinene <sup>†</sup>	< LOQ	0.020		Camphene <sup>†</sup>	< LOQ	0.020	
cis-β-Ocimene <sup>†</sup>	< LOQ	0.006		d-3-Carene <sup>†</sup>	< LOQ	0.020	
Eucalyptol <sup>†</sup>	< LOQ	0.020		farnesene <sup>†</sup>	< LOQ	0.020	
gamma-Terpinene <sup>†</sup>	< LOQ	0.020		Geraniol <sup>†</sup>	< LOQ	0.020	
Geranyl acetate <sup>†</sup>	< LOQ	0.020		Humulene <sup>†</sup>	< LOQ	0.020	
Isoborneol <sup>†</sup>	< LOQ	0.020		Linalool <sup>†</sup>	< LOQ	0.020	
Menthol <sup>†</sup>	< LOQ	0.020		nerol <sup>†</sup>	< LOQ	0.020	
p-Cymene <sup>†</sup>	< LOQ	0.020		Sabinene <sup>†</sup>	< LOQ	0.020	
Sabinene hydrate <sup>†</sup>	< LOQ	0.020		β-Caryophyllene <sup>†</sup>	< LOQ	0.020	
β-Myrcene <sup>†</sup>	< LOQ	0.020		Terpinolene <sup>†</sup>	< LOQ	0.020	
trans-β-Ocimene <sup>†</sup>	< LOQ	0.013		valencene <sup>†</sup>	< LOQ	0.020	
<b>Total Terpenes</b>	<b>0.0641</b>						





**Job Number:** 19-009812  
**Report Number:** 19-009812-00  
**Report Date:** 08/22/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/15/19 10:54

This report cannot be used for ODA, OHA or OLCC compliance requirements.





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**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

**Units of Measure**

g = Gram

mg/30g = Milligram per 30g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



This report cannot be used for ODA, OHA or OLCC compliance requirements.

12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

**Cannabis Chain of Custody R**

NIRVANACBD

19-009812

AP ID: OR100028

Company: <b>Nirvana CBD</b>		<b>Analysis Request</b>										Nirvana CBD			Purchase Order Number:		
Contact: <b>Patrick Mulcahy</b>														Project Number:			
Address: 11258 Monarch st unit A Garden Grove CA 92841														Project Name:			
Email: <b>patrick@nirvancbd.com</b>														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other:			
Phone: <b>714-343-3409</b> Fax:																	
Processor's License: <b>N/A</b>																	
Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 375 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
1 Gummy-25mg				X				X						Edible	8g	1	
2ml Dram-33mg-Vanilla				X				X						Tinctur	2ml	1	
2ml Dram-33mg-Strawberry				X				X						Tinctur	2ml	1	
2ml Dram-33mg-Peppermint				X				X						Tinctur	2ml	1	
2ml Dram-33mg-Grapefruit				X				X						Tinctur	2ml	1	
				X				X									
				X				X									

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)	Patrick Mulcahy	8/9/19		<i>PK</i>	08/15/19	10:54	Client Alias: Order Number: <input checked="" type="checkbox"/> Proper Container <input checked="" type="checkbox"/> Sample Condition Temperature: <i>24.6</i> <input checked="" type="checkbox"/> Shipped Via: <i>UPS</i> Evidence of cooling: <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 2.00 Control#: CF023  
Effective 04/29/2019 Revised 04/29/2019

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*8/16/19*



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

**Cannabis Chain of Custody Re**

NIRVANACBD

19-009812



P ID: OR100028

Company: <b>Nirvana CBD</b>		<b>Analysis Request</b>										Nirvana CBD		Purchase Order Number:			
Contact: <b>Patrick Mulcahy</b>														Project Number:			
Address: 11258 Monarch st unit A Garden Grove CA 92641														Project Name:			
Email: <b>patrick@nirvancbd.com</b>														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other:			
Phone: <b>714-343-3409</b> Fax:																	
Processor's License: <b>N/A</b>																	
Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
2 Tincture 1000mg-Vanilla				X				X						Tinctur	30ml		
3 Tincture 1000mg-Strawberry				X				X						Tinctur	30ml		
4 Tincture 1000mg-Peppermint				X				X						Tinctur	30ml		
5 Tincture 1000mg-Grapefruit				X				X						Tinctur	30ml		
6 Gel Caps Sleep-25mg				X				X						Gel Ca	75CC		
7 Gel Caps Recovery-25mg				X				X						Gel Ca	75CC		
8 Gel Caps Natural-25mg				X				X						Gel Ca	75CC		

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)	Patrick Mulcahy	8/9/19		<i>PK</i>	08/15/19	10:54	Client Alias: Order Number: Proper Container Sample Condition Temperature: <i>26.6</i> Shipped Via: <i>UPS</i> Evidence of cooling: <input type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 2.00 Control#: CF023  
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8-16-19





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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

**Cannabis Chain of Custody Rec**

NIRVANACBD 19-009812

**PIXIS Labs**  
A Tentamus Company

ID: OR100028

Company: **Nirvana CBD**

Contact: **Patrick Mulcahy**

Address: 11258 Monarch st unit A Garden Grove CA 92841

Email: **patrick@nirvancbd.com**

Phone: **714-343-3409** Fax:

Processor's License: **N/A**

**Analysis Requested** Nirvana CBD

☐ Report Instructions:  
☐ Send to State - METRC  
☒ Email Final Results:  
☐ Fax Final Results  
☐ Cash/Check/CC/Net 30  
Other:

Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
Tincture 500mg-Vanilla				X				X						Tinctur	30ml		
Tincture 500mg-Strawberry				X				X						Tinctur	30ml		
Tincture 500mg-Peppermint				X				X						Tinctur	30ml		
Tincture 500mg-Grapefruit				X				X						Tinctur	30ml		
Body Lotion 600mg				X				X						Topical	100ml		
Muscle Recovery Lotion 600mg				X				X						Topical	100ml		
Roll-Oil On 150mg				X				X						Topical	30ml		

Collected By: **Patrick Mulcahy** Relinquished By: **Patrick Mulcahy** Date: **8/9/19** Time: **10:54** Received by: **LR** Date: **08/15/19** Time: **10:54**

☒ Standard (5 day)  
☐ Rush (3-4 day) (1.5x Standard)  
☐ Priority Rush (2 day) (2x Standard)

**Lab Use Only:**  
Client Alias:  
Order Number:  
Proper Container:  
Sample Condition:  
Temperature: **26.0**  
Shipped Via: **UPS**  
Evidence of cooling: ☒ No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 2.00 Control#: CF023  
Effective 04/29/2019 Revised 04/29/2019

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19-009812

bia Food/Pixis Labs  
iple Receipt Form

Revision: 1.00 Document Control: CF015  
Revised: 04/25/2019 Effective: 05/11/2019

Job Number: Nirvana CBD

Search Name:

Package/Cooler opened on (if different than received date/time) Date: 8/15/19 Time: 10:54

Received By (Initials): *JK*

1) Were custody seals on outside of the package/cooler?  
If YES, how many and where? YES ☒ NO ☒ NA ☐

Were signature and date correct? ----- YES ☐ NO ☐ NA ☒

2) Were custody papers included in the package/cooler? YES ☒ NO ☐ NA ☐

3) Were custody papers properly filled out (ink, sign, date)? YES ☐ NO ☒ NA ☐

4) Did you sign custody papers in the appropriate place? YES ☒ NO ☐ NA ☐

5) How was the package/cooler delivered?

☒ UPS ☐ FEDEX ☐ USPS ☐ CLIENT ☐ COURIER ☐ OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label): 1Z44Y638 03 3825 2931

6) Was packing material used? YES ☒ NO ☐ NA ☐

Peanuts Bubble Wrap Foam ☒ Paper Other: \_\_\_\_\_

7) Was sufficient ice used (if appropriate)? YES ☐ NO ☐ NA ☒

What kind?

Blue Ice Ice Cooler Packs Dry Ice

*none*

8) Were all sample containers sealed in separate plastic bags? YES ☐ NO ☒ NA ☐

9) Did all sample containers arrive in good condition? YES ☒ NO ☐ NA ☐

10) Were all sample container labels complete? YES ☒ NO ☐ NA ☐

11) Did all sample container labels and tags agree with the coc? YES ☐ NO ☒ NA ☐

12) Were correct sample containers used for the tests indicated? YES ☒ NO ☐ NA ☐

13) Were VOA vials checked for absence of air bubbles (note if found)? YES ☐ NO ☐ NA ☒

14) Was a sufficient amount of sample sent in each sample container? YES ☒ NO ☐ NA ☐

15) Temperature of the samples upon receipt (See SOP for proper temps) *21.6°C*

16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf ☒ Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: *NO COC no rush time, samples on coc that weren't in package*

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### Laboratory Terpene Quality Control Results

EPA 5035				Batch ID: 306					
Method Blank				Laboratory Control Sample					
Analyte	Result	Blank	Notes	Result	LCS Spike	Units	LCS % Rec	Limits	Notes
a-pinene	ND	< 200		421	500	µg/g	84.3	70 - 130	
Camphene	ND	< 200		427	500	µg/g	85.3	70 - 130	
Sabinene	ND	< 200		408	500	µg/g	81.7	70 - 130	
b-Pinene	ND	< 200		421	500	µg/g	84.2	70 - 130	
b-Myrcene	ND	< 200		429	500	µg/g	85.8	70 - 130	
a-phellandrene	ND	< 200		456	500	µg/g	91.2	70 - 130	
d-3-Carene	ND	< 200		459	500	µg/g	91.8	70 - 130	
a-Terpinene	ND	< 200		441	500	µg/g	88.1	70 - 130	
p-Cymene	ND	< 200		433	500	µg/g	86.6	70 - 130	
D-Limonene	ND	< 200		444	500	µg/g	88.7	70 - 130	
Eucalyptol	ND	< 200		429	500	µg/g	85.7	70 - 130	
b-cis-Ocimene	ND	< 66.7		138	167	µg/g	82.8	70 - 130	
b-trans-Ocimene	ND	< 133		303	333	µg/g	90.9	70 - 130	
g-Terpinene	ND	< 200		433	500	µg/g	86.7	70 - 130	
Sabinene Hydrate	ND	< 200		380	500	µg/g	76.0	70 - 130	
Terpinolene	ND	< 200		409	500	µg/g	81.8	70 - 130	
D-Fenchone	ND	< 200		427	500	µg/g	85.3	70 - 130	
Linalool	ND	< 200		414	500	µg/g	82.8	70 - 130	
Fenchol	ND	< 200		427	500	µg/g	85.4	70 - 130	
Camphor	ND	< 200		398	500	µg/g	79.6	70 - 130	
Isopulego	ND	< 200		416	500	µg/g	83.2	70 - 130	
Isoborneol	ND	< 200		436	500	µg/g	87.1	70 - 130	
Borneol	ND	< 200		419	500	µg/g	83.8	70 - 130	
DL-Menthol	ND	< 200		436	500	µg/g	87.2	70 - 130	
Terpineol	ND	< 200		359	500	µg/g	71.8	70 - 130	
Nerol	ND	< 200		450	500	µg/g	90.0	70 - 130	
Pulegone	ND	< 200		436	500	µg/g	87.2	70 - 130	
Geraniol	ND	< 200		389	500	µg/g	77.9	70 - 130	
Geranyl Acetate	ND	< 200		425	500	µg/g	85.1	70 - 130	
a-Cedrene	ND	< 200		418	500	µg/g	83.7	70 - 130	
b-Caryophyllene	ND	< 200		483	500	µg/g	96.6	70 - 130	
a-Humulene	ND	< 200		436	500	µg/g	87.2	70 - 130	
Valenene	ND	< 200		437	500	µg/g	87.5	70 - 130	
cis-Nerolidol	ND	< 200		455	500	µg/g	91.0	70 - 130	
a-Farnesene	ND	< 200		572	500	µg/g	114.3	70 - 130	
trans-Nerolidol	ND	< 200		405	500	µg/g	81.0	70 - 130	
Caryophyllene Oxide	ND	< 200		398	500	µg/g	79.5	70 - 130	
Guaiol	ND	< 200		402	500	µg/g	80.4	70 - 130	
Cedrol	ND	< 200		408	500	µg/g	81.6	70 - 130	
a-Bisabolol	ND	< 200		417	500	µg/g	83.3	70 - 130	



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Sample/Sample Duplicate				Sample ID: 19-009812-0001				
Analyte	Result	Org. Result	LOQ	Units	RPD, %	Sample Duplicate	% Limits	Notes
a-pinene	ND	ND	200	µg/g	0	< 20	80 - 120	
Camphene	ND	ND	200	µg/g	0	< 20	80 - 120	
Sabinene	ND	ND	200	µg/g	0	< 20	80 - 120	
b-Pinene	ND	ND	200	µg/g	0	< 20	80 - 120	
b-Myrcene	ND	ND	200	µg/g	0	< 20	80 - 120	
a-phellandrene	ND	ND	200	µg/g	0	< 20	80 - 120	
d-3-Carene	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Terpinene	ND	ND	200	µg/g	0	< 20	80 - 120	
p-Cymene	ND	ND	200	µg/g	0	< 20	80 - 120	
D-Limonene	ND	ND	200	µg/g	0	< 20	80 - 120	
Eucalyptol	ND	ND	200	µg/g	0	< 20	80 - 120	
b-cis-OCimene	ND	ND	66.7	µg/g	0	< 20	80 - 120	
b-trans-OCimene	ND	ND	133	µg/g	0	< 20	80 - 120	
g-Terpinene	ND	ND	200	µg/g	0	< 20	80 - 120	
Sabinene Hydrate	ND	ND	200	µg/g	0	< 20	80 - 120	
Terpinolene	ND	ND	200	µg/g	0	< 20	80 - 120	
D-Fenchone	ND	ND	200	µg/g	0	< 20	80 - 120	
Linalool	ND	ND	200	µg/g	0	< 20	80 - 120	
Fenchol	ND	ND	200	µg/g	0	< 20	80 - 120	
Camphor	ND	ND	200	µg/g	0	< 20	80 - 120	
Isopulego	ND	ND	200	µg/g	0	< 20	80 - 120	
Isoborneol	ND	ND	200	µg/g	0	< 20	80 - 120	
Borneol	ND	ND	200	µg/g	0	< 20	80 - 120	
DL-Menthol	ND	ND	200	µg/g	0	< 20	80 - 120	
Terpineol	ND	ND	200	µg/g	0	< 20	80 - 120	
Nerol	ND	ND	200	µg/g	0	< 20	80 - 120	
Pulegone	ND	ND	200	µg/g	0	< 20	80 - 120	
Geraniol	ND	ND	200	µg/g	0	< 20	80 - 120	
Geranyl Acetate	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Cedrene	ND	ND	200	µg/g	0	< 20	80 - 120	
b-Caryophyllene	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Humulene	ND	ND	200	µg/g	0	< 20	80 - 120	
Valenene	ND	ND	200	µg/g	0	< 20	80 - 120	
cis-Nerolidol	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Farnesene	ND	ND	200	µg/g	0	< 20	80 - 120	
trans-Nerolidol	ND	ND	200	µg/g	0	< 20	80 - 120	
Caryophyllene Oxide	ND	ND	200	µg/g	0	< 20	80 - 120	
Guaio	ND	ND	200	µg/g	0	< 20	80 - 120	
Cedrol	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Bisabolol	ND	ND	200	µg/g	0	< 20	80 - 120	



This report cannot be used for ODA, OHA or OLCC compliance requirements.

#### Laboratory Quality Control Results

J AOAC 2015 V98-6

Batch ID: 1907558

#### Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00889	0.01	%	88.9	85 - 115	Acceptable	
CBDV	0.00891	0.01	%	89.1	85 - 115	Acceptable	
CBD-A	0.00897	0.01	%	89.7	85 - 115	Acceptable	
CBG-A	0.00881	0.01	%	88.1	85 - 115	Acceptable	
CBG	0.00893	0.01	%	89.3	85 - 115	Acceptable	
CBD	0.00929	0.01	%	92.9	85 - 115	Acceptable	
THCV	0.00877	0.01	%	87.7	85 - 115	Acceptable	
THCVA	0.00920	0.01	%	92.0	85 - 115	Acceptable	
CBN	0.00927	0.01	%	92.7	85 - 115	Acceptable	
THC	0.00904	0.01	%	90.4	85 - 115	Acceptable	
D8THC	0.00861	0.01	%	86.1	85 - 115	Acceptable	
CBL	0.00882	0.01	%	88.2	85 - 115	Acceptable	
CBC	0.00914	0.01	%	91.4	85 - 115	Acceptable	
THCA	0.00960	0.01	%	96.0	85 - 115	Acceptable	
CBCA	0.00852	0.01	%	85.2	85 - 115	Acceptable	

#### Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.003	%	< 0.003	Acceptable	
CBDV	ND	0.003	%	< 0.003	Acceptable	
CBD-A	ND	0.003	%	< 0.003	Acceptable	
CBG-A	ND	0.003	%	< 0.003	Acceptable	
CBG	ND	0.003	%	< 0.003	Acceptable	
CBD	ND	0.003	%	< 0.003	Acceptable	
THCV	ND	0.003	%	< 0.003	Acceptable	
THCVA	ND	0.003	%	< 0.003	Acceptable	
CBN	ND	0.003	%	< 0.003	Acceptable	
THC	ND	0.003	%	< 0.003	Acceptable	
D8THC	ND	0.003	%	< 0.003	Acceptable	
CBL	ND	0.003	%	< 0.003	Acceptable	
CBC	ND	0.003	%	< 0.003	Acceptable	
THCA	ND	0.003	%	< 0.003	Acceptable	
CBCA	ND	0.003	%	< 0.003	Acceptable	

#### Abbreviations

ND - None Detected at or above MRL

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

#### Units of Measure:

% - Percent



This report cannot be used for ODA, OHA or OLCC compliance requirements.

J AOAC 2015 V98-6					Batch ID: 1907558			
Sample Duplicate					Sample ID: 19-009812-0002			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBDV	0.0167	0.0167	0.003	%	0	< 20	Acceptable	
CBD-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG	0.00542	0.00538	0.003	%	0.741	< 20	Acceptable	
CBD	3.38	3.35	0.003	%	0.892	< 20	Acceptable	
THCV	ND	ND	0.003	%	0	< 20	Acceptable	
THCVA	ND	ND	0.003	%	0	< 20	Acceptable	
CBN	0.00705	0.00706	0.003	%	0.142	< 20	Acceptable	
THC	0.00638	0.00637	0.003	%	0.157	< 20	Acceptable	
D8THC	ND	ND	0.003	%	0	< 20	Acceptable	
CBL	ND	ND	0.003	%	0	< 20	Acceptable	
CBC	0.0296	0.0296	0.003	%	0	< 20	Acceptable	
THCA	ND	ND	0.003	%	0	< 20	Acceptable	
CBCA	ND	ND	0.003	%	0	< 20	Acceptable	

#### Abbreviations

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

#### Units of Measure:

% - Percent



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.