



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

Product identity: Tincture 500mg Peppermint
Laboratory ID: 19-009812-0011

Client/Metric ID: .
Sample Date:

Summary

Potency:

Analyte per 30g	Result	Limits	Units	LOQ	
CBC per 30g [†]	1.39		mg/30g	1.00	CBD-Total per 30g 540 mg/30g
CBD per 30g	540		mg/30g	1.00	THC-Total per 30g < 1.878 mg/30g
CBDV per 30g [†]	2.75		mg/30g	1.00	(Reported in milligrams per serving)
CBL per 30g [†]	1.10		mg/30g	1.00	

Terpenes:

Analyte	Percent by weight	Analyte	Percent by weight
Menthol [†]	1.07	Isoborneol [†]	0.145
Eucalyptol [†]	0.113	(+)-Borneol [†]	0.0787
β-Caryophyllene [†]	0.0632	α-Bisabolol [†]	0.0475
(R)-(+)-Limonene [†]	0.0453	(+)-Pulegone [†]	0.0235
Total Terpenes[†]	1.59		



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Customer: Nirvana CBD

Product identity: Tincture 500mg Peppermint
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-009812-0011
Relinquished by: Patrick Mulcahy
Temp: 26.6 °C
Serving Size #1: 30 g

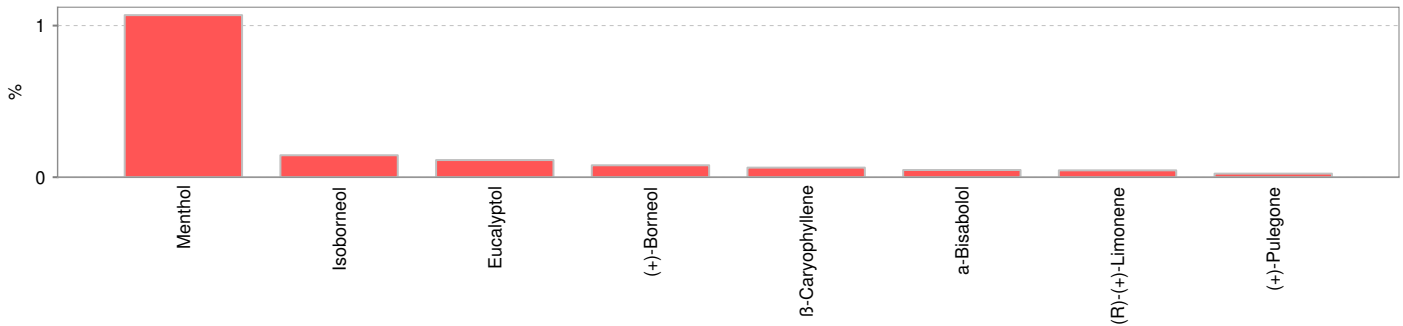
Sample Results

Potency per 30g		Batch: 1907558					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 30g [†]	1.39		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBC-A per 30g [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBC-Total per 30g [†]	< LOQ		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBD per 30g	540		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	540		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBDV per 30g [†]	2.75		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBDV-A per 30g [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBDV-Total per 30g [†]	2.75		mg/30g	1.87	08/22/19	J AOAC 2015 V98-6	
CBG per 30g [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBG-A per 30g [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
CBG-Total per 30g [†]	< LOQ		mg/30g	1.88	08/22/19	J AOAC 2015 V98-6	
CBL per 30g [†]	1.10		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 [†]	< 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 [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THCV-A per 30g [†]	< LOQ		mg/30g	1.000	08/22/19	J AOAC 2015 V98-6	
THCV-Total per 30g [†]	< LOQ		mg/30g	1.87	08/22/19	J AOAC 2015 V98-6	



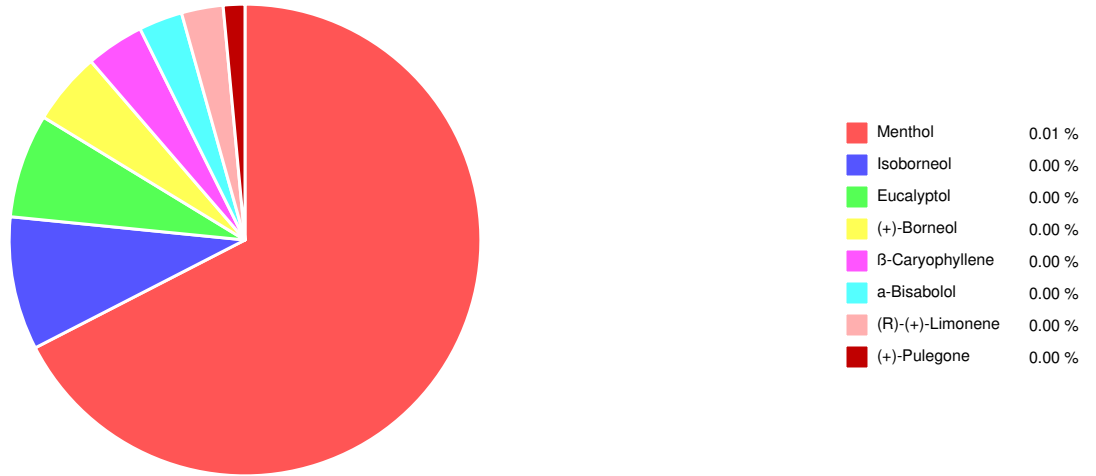
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Terpenes			Method J AOAC 2015 V98-6	Units %	Batch 1907400	Analyze 08/16/19 01:53 PM	
Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes
Menthol†	1.07	0.020		Isoborneol†	0.145	0.020	
Eucalyptol†	0.113	0.020		(+)-Borneol†	0.0787	0.020	
β-Caryophyllene†	0.0632	0.020		a-Bisabolol†	0.0475	0.020	
(R)-(+)-Limonene†	0.0453	0.020		(+)-Pulegone†	0.0235	0.020	
(-)-caryophyllene oxide†	< LOQ	0.020		(-)-a-Terpineol†	< LOQ	0.020	
(-)-Guaiol†	< LOQ	0.020		(-)-Isopulegol†	< LOQ	0.020	
(-)-β-Pinene†	< LOQ	0.020		(+)-Cedrol†	< LOQ	0.020	
(+)-fenchol†	< LOQ	0.020		(±)-Camphor†	< LOQ	0.020	
(±)-cis-Nerolidol†	< LOQ	0.020		(±)-fenchone†	< LOQ	0.020	
(±)-trans-Nerolidol†	< LOQ	0.020		a-cedrene†	< LOQ	0.020	
a-phellandrene†	< LOQ	0.020		a-pinene†	< LOQ	0.020	
a-Terpinene†	< LOQ	0.020		Camphene†	< LOQ	0.020	
cis-β-Ocimene†	< LOQ	0.006		d-3-Carene†	< LOQ	0.020	
farnesene†	< LOQ	0.020		gamma-Terpinene†	< LOQ	0.020	
Geraniol†	< LOQ	0.020		Geranyl acetate†	< LOQ	0.020	
Humulene†	< LOQ	0.020		Linalool†	< LOQ	0.020	
nerol†	< LOQ	0.020		p-Cymene†	< LOQ	0.020	
Sabinene†	< LOQ	0.020		Sabinene hydrate†	< LOQ	0.020	
β-Myrcene†	< LOQ	0.020		Terpinolene†	< LOQ	0.020	
trans-β-Ocimene†	< LOQ	0.013		valencene†	< LOQ	0.020	
Total Terpenes	1.59						





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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

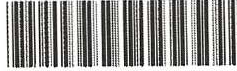


This report cannot be used for ODA, OHA or OLCC compliance requirements.

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

Cannabis Chain of Custody R

NIRVANACBD 19-009812



AP ID: OR100028

Company: Nirvana CBD		Analysis Request											Nirvana CBD			Purchase Order Number:		
Contact: Patrick Mulcahy		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	Topicals: TAMC, TYMC, Sa & Pa			Project Number:	
Address: 11258 Monarch st unit A Garden Grove CA 92841														Edibles/ tinctures/Ingestible: TAMC, TYMC, Sa, Pa, Ec, & Sa			Project Name:	
Email: patrick@nirvancbd.com																	<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	
Phone: 714-343-3409 Fax:																	Other:	
Processor's License: N/A														Matrix	Weight	Serving size for edibles	Comments/Metric ID	
Field ID	Date/Time Collected																	
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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Page 1 of 24
BM 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: Nirvana CBD		Analysis Request										Nirvana CBD		Purchase Order Number:			
Contact: Patrick Mulcahy														Project Number:			
Address: 11258 Monarch st unit A Garden Grove CA 92641														Project Name:			
Email: patrick@nirvancbd.com														<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: 714-343-3409 Fax:																	
Processor's License: N/A																	
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>26.0</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
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Page 1 of 2
2/14
8-16-19

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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794
NIRVANACBD 19-009812
Cannabis Chain of Custody Rec

Company: **Nirvana CBD**
Contact: **Patrick Mulcahy**
Address: 11258 Monarch st unit A Garden Grove CA 92841
Email: **patrick@nirvanacbd.com**
Phone: **714-343-3409** Fax:
Processor's License: **N/A**

Analysis Requested Nirvana CBD

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: Standard (5 day) Rush (3-4 day) (1.5x Standard) Priority Rush (2 day) (2x Standard)
Relinquished By: **Patrick Mulcahy** Date: **8/9/19** Time:
Received by: **LR** Date: **08/15/19** Time: **10:54**
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
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Page 1 of 2
314

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19-009812

bia Food/Pixis Labs
Sample 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?

<input checked="" type="radio"/> UPS	<input type="radio"/> FEDEX	<input type="radio"/> USPS	<input type="radio"/> CLIENT	<input type="radio"/> COURIER	<input type="radio"/> 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	<input checked="" type="radio"/> Paper	Other: _____
---------	-------------	------	--	--------------
 - 7) Was sufficient ice used (if appropriate)? YES NO NA

Blue Ice	Ice	Cooler Packs	Dry Ice	<i>none</i>
----------	-----	--------------	---------	-------------
 - 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) *22.6°C*
 - 16) Sample location prior to login: R25 R39 R44 *R44* Ambient Shelf Cannabis Table Other: _____
- Explain any discrepancies: *NO COC provided no relinquish time, samples on coc that weren't in package*

Page 4 of 4



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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	
Guaial	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	
Gereniol	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	
Guaiol	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	Quantitaion 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.