



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

**Customer:**  
**Product identity:** Wildberry Domes  
**Client/Metric ID:**  
**Laboratory ID:** 21-013004-0001

## Summary

### Potency:

Analyte per 3.3g	Result	Limits	Units	Status	
Δ8-THCV per 3.3g <sup>†</sup>	0.190		mg/3.3g		CBD-Total per 3.3g <LOQ
Δ8-THC per 3.3g <sup>†</sup>	30.0		mg/3.3g		THC-Total per 3.3g <LOQ
(Reported in milligrams per serving)					

### Residual Solvents:

All analytes passing and less than LOQ.

### Metals:

Analyte	Result	Units	Limit	Status
Lead	0.0352	mg/kg	0.500	pass

### Microbiology:

Less than LOQ for all analytes.



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

**Customer:**

**Product identity:** Wildberry Domes  
**Client/Metric ID:**  
**Sample Date:**  
**Laboratory ID:** 21-013004-0001  
**Evidence of Cooling:** No  
**Temp:** 17 °C  
**Relinquished by:** FEDEX  
**Serving Size #1:** 3.3 g

## Sample Results

Potency per 3.3g Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2110145 Analyze: 11/9/21 7:49:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBC-A per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBC-Total per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.199	
CBD per 3.3g	< LOQ		mg/3.3g	0.106	
CBD-A per 3.3g	< LOQ		mg/3.3g	0.106	
CBD-Total per 3.3g	< LOQ		mg/3.3g	0.199	
CBDV per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBDV-A per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBDV-Total per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.198	
CBE per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBG per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBG-A per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBG-Total per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.198	
CBL per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBL-A per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
CBL-Total per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.199	
CBN per 3.3g	< LOQ		mg/3.3g	0.106	
CBT per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
Δ8-THCV per 3.3g <sup>†</sup>	0.190		mg/3.3g	0.106	
Δ8-THC per 3.3g <sup>†</sup>	30.0		mg/3.3g	0.106	
Δ9-THC per 3.3g	< LOQ		mg/3.3g	0.106	
exo-THC per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
THC-A per 3.3g	< LOQ		mg/3.3g	0.106	
THC-Total per 3.3g	< LOQ		mg/3.3g	0.199	
THCV per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
THCV-A per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.106	
THCV-Total per 3.3g <sup>†</sup>	< LOQ		mg/3.3g	0.199	
Total Cannabinoids per 3.3g	30.2		mg/3.3g		



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2109989	11/07/21	AOAC 991.14 (Petrifilm)		X
Total Coliforms	< LOQ		cfu/g	10	2109989	11/07/21	AOAC 991.14 (Petrifilm)		X

Solvents	Method	Residual Solvents by GC/MS				Units µg/g	Batch 2110124	Analyze 11/10/21 08:55 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.00854	2110108	11/09/21	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.00854	2110108	11/09/21	AOAC 2013.06 (mod.)	pass	X
Lead	0.0352	0.500	mg/kg	0.00854	2110108	11/09/21	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.00427	2110108	11/09/21	AOAC 2013.06 (mod.)	pass	X



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**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**

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/3.3g = Milligram per 3.3g

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager





12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



Report Number: 21-013004/D002.R000  
Report Date: 11/11/2021  
ORELAP#: OR100028  
Purchase Order:  
Received: 11/04/21 11:08



## Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021  
ORELAP ID: OR100028

### PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB". Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application. Data produced by the LAB is confirmed using internal batch QC. If the CUSTOMER requests a re-extraction it will be at their expense unless results differ from the original outside of established method measurement uncertainty.

### DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

### CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

### LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

### PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1 1/2% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

### EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

### ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

### APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms  
12423 NE Whitaker Way  
Portland, OR 97230  
P: (503) 254-1794 / Fax: (503) 254-1452  
info@columbiaboratories.com  
Page \_\_\_\_\_ of \_\_\_\_\_  
www.columbiaboratories.com





12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



Report Number: 21-013004/D002.R000  
Report Date: 11/11/2021  
ORELAP#: OR100028  
Purchase Order:  
Received: 11/04/21 11:08



Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
Page 1 of 1

Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 11/4/21 Time: 11:08

Received By (Initials): DS Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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

Does date match collection date on COC? \_\_\_\_\_ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

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

Tracking Number (written in or copy of shipping label): 2856 3443 9559

5) Was packing material used? YES NO NA

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

6) Was temperature upon receipt 4°C+/- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_  
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

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

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: 17.0°C



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



Report Number: 21-013004/D002.R000  
Report Date: 11/11/2021  
ORELAP#: OR100028  
Purchase Order:  
Received: 11/04/21 11:08

Revision: Document ID:  
Legacy ID: Effective:

Laboratory Quality Control Results									
Residual Solvents				Batch ID: 2110124					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		954	948	µg/g	100.6	70 - 130	
Isobutane	ND	< 200		1130	1260	µg/g	89.7	70 - 130	
Butane	ND	< 200		1130	1260	µg/g	89.7	70 - 130	
2,2-Dimethylpropane	ND	< 200		1710	1600	µg/g	106.9	70 - 130	
Methanol	ND	< 200		1790	1610	µg/g	111.2	70 - 130	
Ethylene Oxide	ND	< 30		98.2	95.7	µg/g	102.6	70 - 130	
2-Methylbutane	ND	< 200		1630	1610	µg/g	101.2	70 - 130	
Pentane	ND	< 200		1620	1610	µg/g	100.6	70 - 130	
Ethanol	ND	< 200		1870	1610	µg/g	116.1	70 - 130	
Ethyl Ether	ND	< 200		1680	1610	µg/g	104.3	70 - 130	
2,2-Dimethylbutane	ND	< 30		148	164	µg/g	90.2	70 - 130	
Acetone	ND	< 200		1660	1610	µg/g	103.1	70 - 130	
2-Propanol	ND	< 200		1690	1610	µg/g	105.0	70 - 130	
Ethyl Formate	ND	< 500		1450	1610	µg/g	90.1	70 - 130	
Acetonitrile	ND	< 100		440	484	µg/g	90.9	70 - 130	
Methyl Acetate	ND	< 500		1570	1610	µg/g	97.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		167	167	µg/g	100.0	70 - 130	
Dichloromethane	ND	< 60		512	491	µg/g	104.3	70 - 130	
2-Methylpentane	ND	< 30		160	165	µg/g	97.0	70 - 130	
MTBE	ND	< 500		1560	1600	µg/g	97.5	70 - 130	
3-Methylpentane	ND	< 30		189	172	µg/g	109.9	70 - 130	
Hexane	ND	< 30		184	167	µg/g	110.2	70 - 130	
1-Propanol	ND	< 500		1640	1610	µg/g	101.9	70 - 130	
Methylethylketone	ND	< 500		1570	1620	µg/g	96.9	70 - 130	
Ethyl acetate	ND	< 200		1790	1610	µg/g	111.2	70 - 130	
2-Butanol	ND	< 200		1780	1610	µg/g	110.6	70 - 130	
Tetrahydrofuran	ND	< 100		519	483	µg/g	107.5	70 - 130	
Cyclohexane	ND	< 200		1790	1610	µg/g	111.2	70 - 130	
2-methyl-1-propanol	ND	< 500		1660	1620	µg/g	102.5	70 - 130	
Benzene	ND	< 1		5.04	5.36	µg/g	94.0	70 - 130	
Isopropyl Acetate	ND	< 200		1900	1620	µg/g	117.3	70 - 130	
Heptane	ND	< 200		1730	1610	µg/g	107.5	70 - 130	
1-Butanol	ND	< 500		1550	1610	µg/g	96.3	70 - 130	
Propyl Acetate	ND	< 500		1710	1620	µg/g	105.6	70 - 130	
2,4-Dioxane	ND	< 100		565	489	µg/g	115.5	70 - 130	
2-Ethoxyethanol	ND	< 30		209	167	µg/g	125.1	70 - 130	
Methylisobutylketone	ND	< 500		1740	1610	µg/g	108.1	70 - 130	
3-Methyl-1-butanol	ND	< 500		1750	1610	µg/g	108.7	70 - 130	
Ethylene Glycol	ND	< 200		645	504	µg/g	128.0	70 - 130	
Toluene	ND	< 200		561	484	µg/g	115.9	70 - 130	
Isobutyl Acetate	ND	< 500		1750	1610	µg/g	108.7	70 - 130	
1-Pentanol	ND	< 500		1830	1610	µg/g	113.7	70 - 130	
Butyl Acetate	ND	< 500		1730	1620	µg/g	106.8	70 - 130	
Ethylbenzene	ND	< 200		1160	968	µg/g	119.8	70 - 130	
m,p-Xylene	ND	< 200		1210	977	µg/g	123.8	70 - 130	
o-Xylene	ND	< 200		1250	962	µg/g	127.3	70 - 130	
Cumene	ND	< 30		208	169	µg/g	123.1	70 - 130	
Anisole	ND	< 500		1890	1630	µg/g	116.0	70 - 130	
DMSO	ND	< 500		1880	1630	µg/g	115.3	70 - 130	
1,2-dimethoxyethane	ND	< 50		154	162	µg/g	95.1	70 - 130	
Triethylamine	ND	< 500		1630	1670	µg/g	97.6	70 - 130	
N,N-dimethylformamide	ND	< 150		460	502	µg/g	91.6	70 - 130	
N,N-dimethylacetamide	ND	< 150		609	485	µg/g	125.6	70 - 130	
Pyridine	ND	< 50		165	166	µg/g	99.4	70 - 130	
1,2-Dichloroethane	ND	< 1		1.01	1	µg/g	101.0	70 - 130	
Chloroform	ND	< 1		0.925	1	µg/g	92.5	70 - 130	
Trichloroethylene	ND	< 1		0.833	1	µg/g	83.3	70 - 130	
Ethylene Oxide	ND	< 1		0.975	1	µg/g	97.5	70 - 130	
Dichloromethane	ND	< 1		0.833	1	µg/g	83.3	70 - 130	
Benzene	ND	< 1		0.86	1	µg/g	86.0	70 - 130	





12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

Revision: Document ID:  
Legacy ID: Effective:

QC - Sample Duplicate

Sample ID: 21-013040-0001

Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Isobutane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Butane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Methanol	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Pentane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Acetone	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	10 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
MTBE	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Hexane	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Propanol	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Methylcyclohexane	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Benzene	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Heptane	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 $\mu\text{g/g}$	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Toluene	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Cumene	ND	ND	30 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Anisole	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
DMSO	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500 $\mu\text{g/g}$	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150 $\mu\text{g/g}$	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Pyridine	ND	ND	50 $\mu\text{g/g}$	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Chloroform	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1 $\mu\text{g/g}$	0.0	< 20	Acceptable	
Benzene	ND	ND	1 $\mu\text{g/g}$	0.0	< 21	Acceptable	

#### Abbreviations

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

#### Units of Measure:

$\mu\text{g/g}$  - Microgram per gram or ppm



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

#### Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2110145								
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	0.00995	0.01	%	99.5	85.0 - 115	Acceptable		
CBDV	0.0103	0.01	%	103	85.0 - 115	Acceptable		
CBE	0.0109	0.01	%	109	85.0 - 115	Acceptable		
CBDA	0.0106	0.01	%	106	85.0 - 115	Acceptable		
CBGA	0.00992	0.01	%	99.2	85.0 - 115	Acceptable		
CBG	0.0102	0.01	%	102	85.0 - 115	Acceptable		
CBD	0.0115	0.01	%	115	85.0 - 115	Acceptable		
THCV	0.00992	0.01	%	99.2	85.0 - 115	Acceptable		
d8THCV	0.0105	0.01	%	105	85.0 - 115	Acceptable		
THCVA	0.00949	0.01	%	94.9	85.0 - 115	Acceptable		
CBN	0.0113	0.01	%	113	85.0 - 115	Acceptable		
exo-THC	0.00984	0.01	%	98.4	85.0 - 115	Acceptable		
d9THC	0.0106	0.01	%	106	85.0 - 115	Acceptable		
d8THC	0.00980	0.01	%	98.0	85.0 - 115	Acceptable		
CBL	0.00913	0.01	%	91.3	85.0 - 115	Acceptable		
CBC	0.0101	0.01	%	101	85.0 - 115	Acceptable		
THCA	0.0113	0.01	%	113	85.0 - 115	Acceptable		
CBCA	0.00958	0.01	%	95.8	85.0 - 115	Acceptable		
CBLA	0.0103	0.01	%	103	85.0 - 115	Acceptable		
CBT	0.00942	0.01	%	94.2	85.0 - 115	Acceptable		

#### Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable		
CBDV	<LOQ	0.003	%	< 0.003	Acceptable		
CBE	<LOQ	0.003	%	< 0.003	Acceptable		
CBDA	<LOQ	0.003	%	< 0.003	Acceptable		
CBGA	<LOQ	0.003	%	< 0.003	Acceptable		
CBG	<LOQ	0.003	%	< 0.003	Acceptable		
CBD	<LOQ	0.003	%	< 0.003	Acceptable		
THCV	<LOQ	0.003	%	< 0.003	Acceptable		
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable		
THCVA	<LOQ	0.003	%	< 0.003	Acceptable		
CBN	<LOQ	0.003	%	< 0.003	Acceptable		
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable		
d9THC	<LOQ	0.003	%	< 0.003	Acceptable		
d8THC	<LOQ	0.003	%	< 0.003	Acceptable		
CBL	<LOQ	0.003	%	< 0.003	Acceptable		
CBC	<LOQ	0.003	%	< 0.003	Acceptable		
THCA	<LOQ	0.003	%	< 0.003	Acceptable		
CBCA	<LOQ	0.003	%	< 0.003	Acceptable		
CBLA	<LOQ	0.003	%	< 0.003	Acceptable		
CBT	<LOQ	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



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6		Batch ID: 2110145						
Sample Duplicate		Sample ID: 21-013004-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	0.00577	0.00539	0.003	%	6.84	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	0.910	0.883	0.003	%	2.98	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation  
NA - Calculation Not Applicable given non-numerical results

**Units of Measure:**

% - Percent



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-013004/D002.R000  
**Report Date:** 11/11/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/04/21 11:08

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.