



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



Report Number: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

Customer: IHC LLC
Product identity: 01LIR209_SG
Client/Metric ID: .
Laboratory ID: 21-013634-0004

Summary

Potency:

Analyte	Result (%)			
CBD-A	70.2		CBD-Total	62.1%
CBG-A†	3.34		THC-Total	2.48%
CBC-A†	3.20		(Reported in percent of total sample)	
THC-A	2.83			
CBDV-A†	1.08			
CBD	0.532			
CBG†	0.227			
CBL-A†	0.114			



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



Report Number: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

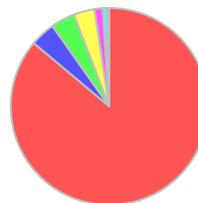
Customer: IHC LLC
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: 01LIR209_SG
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-013634-0004
Evidence of Cooling: No
Temp: 20.1 °C
Relinquished by: Client



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2110540	Analyze: 11/19/21 11:12:00 P
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0948			
CBC-A†	3.20		0.0948			
CBC-Total†	2.81		0.178			
CBD	0.532		0.0948			
CBD-A	70.2		0.948			
CBD-Total	62.1		0.926			
CBDV†	< LOQ		0.0948			
CBDV-A†	1.08		0.0948			
CBDV-Total†	0.936		0.177			
CBE†	< LOQ		0.0948			
CBG†	0.227		0.0948			
CBG-A†	3.34		0.0948			
CBG-Total	3.16		0.177			
CBL†	< LOQ		0.0948			
CBL-A†	0.114		0.0948			
CBL-Total†	< LOQ		0.178			
CBN	< LOQ		0.0948			
CBT†	< LOQ		0.0948			
Δ8-THC†	< LOQ		0.0948			
Δ8-THCV	< LOQ		0.0948			
Δ9-THC	< LOQ		0.0948			
THC-A	2.83		0.0948			
THC-Total	2.48		0.178			
THCV†	< LOQ		0.0948			
THCV-A†	< LOQ		0.0948			
THCV-Total†	< LOQ		0.177			
Total Cannabinoids†	81.5					



- CBD-A
- CBG-A
- CBC-A
- THC-A
- CBDV-A
- CBD
- CBG
- CBL-A



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



Report Number: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

Report Number: 21-013634/D011.R000
 Report Date: 11/24/2021
 ORELAP#: OR100028
 Purchase Order:
 Received: 11/18/21 00:00



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

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

Company: IHU Contact: Kyle Farrow Street: 431 NW Flanders St City: Portland State: OR Zip: 97209 <input type="checkbox"/> Email Results: Dropbox Pk: (B1) 608184 <input type="checkbox"/> Pa Results: () Billing (if different): keth@thehemppcollect.com				Analysis Requested Verticillium - OR59 compounds Pesticide Multi-Residue - 379 compounds Pesticide Solvents Moisture & Water Activity Terpenes Micro: Yeast and Mold Micro: E. Coli and Total Coliform Heavy Metals Microbiome Other:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input checked="" type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>		
Lab ID	Client Sample Identification	Date	Time	Verticillium - OR59 compounds	Pesticide Multi-Residue - 379 compounds	Pesticide Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Microbiome	Other	Sample Type ¹	Weight (Units)	Comments/Metric ID
1	03DST212_Amber	11/18		X	X	X					X			C		Full panel doesn't need to be rushed, just potencies.
2	03DST212_Clear	11/18				X								C		
3	01LIR209_PW	11/18				X								C		
4	01LIR209_SG	11/18				X								C		
5	01LIR209_PA	11/18				X								C		
6	01LIR209_PP	11/18				X								C		
7	01LIR209_OGK	11/18				X								C		
Requested by:		Date	Time	Received by:		Date	Time	Lab Use Only:								
Kyle Farrow		11/18	4:00	DS		11/18/21	15:46	<input type="checkbox"/> Shipped Via: _____ <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 20.1°C Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net Prelog storage: _____								

¹ - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with analog equipment must be in approved (for services to be provided) with the correct setup of analog structure with the LTR. Drugging "Not Reported" you are agreeing in this form
 12423 NE Whitaker Way
 Portland, OR 97230 P: (503) 254-1794 | Fax: (503) 254-4862
 info@columbialaboratories.com Page _____ of _____
 www.columbialaboratories.com



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



Report Number: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

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: 2110540**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.216	0.2	%	108	85.0 - 115	Acceptable	
CBDV	0.226	0.2	%	113	85.0 - 115	Acceptable	
CBE	0.195	0.2	%	97.6	85.0 - 115	Acceptable	
CBDA	0.209	0.2	%	105	85.0 - 115	Acceptable	
CBGA	0.216	0.2	%	108	85.0 - 115	Acceptable	
CBG	0.217	0.2	%	108	85.0 - 115	Acceptable	
CBD	0.197	0.2	%	98.7	85.0 - 115	Acceptable	
THCV	0.205	0.2	%	103	85.0 - 115	Acceptable	
d8THCV	0.185	0.2	%	92.4	85.0 - 115	Acceptable	
THCVA	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBN	0.198	0.2	%	99.2	85.0 - 115	Acceptable	
exo-THC	0.174	0.2	%	87.1	85.0 - 115	Acceptable	
d9THC	0.186	0.2	%	93.1	85.0 - 115	Acceptable	
d8THC	0.206	0.2	%	103	85.0 - 115	Acceptable	
CBL	0.193	0.2	%	96.4	85.0 - 115	Acceptable	
CBC	0.216	0.2	%	108	85.0 - 115	Acceptable	
THCA	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBCA	0.223	0.2	%	112	85.0 - 115	Acceptable	
CBLA	0.203	0.2	%	102	85.0 - 115	Acceptable	
CBT	0.216	0.2	%	108	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	0.1	%	< 0.1	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: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

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: 2110540								
Sample Duplicate								
Sample ID: 21-013424-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	3.50	3.48	0.1	%	0.674	< 20	Acceptable	
CBD	2.82	2.76	0.1	%	1.86	< 20	Acceptable	
THCV	0.475	0.462	0.1	%	2.70	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	2.48	2.44	0.1	%	1.44	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	73.4	74.4	0.1	%	1.41	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.362	0.351	0.1	%	3.25	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	1.69	1.62	0.1	%	4.41	< 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: 21-013634/D011.R000
Report Date: 11/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/18/21 00:00

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.



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

Customer: IHC LLC
Product identity: Sweetgum - Moonrocks
Client/Metric ID: .
Laboratory ID: 22-013665-0008

Summary

Potency:

Analyte	Result (%)			
Δ8-THC	18.8	<ul style="list-style-type: none"> ● Δ8-THC ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● CBG-A ● CBD-A ● CBD ● CBG ● CBC-A ● CBT ● THC-A ● CBN 		
HHC (9R-Hexahydrocannabinol)	13.4			
HHC (9S-Hexahydrocannabinol)	5.28			
CBG-A	4.78			
CBD-A	3.21			
CBD	1.98			
CBG	0.246			
CBC-A	0.211			
CBT	0.101			
THC-A	0.0780			
CBN	0.0613			
Δ8-THCV	0.0585			
				CBD-Total 4.80%
				THC-Total 0.0684%
			(Reported in percent of total sample)	



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

Customer: IHC LLC
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: Sweetgum - Moonrocks

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-013665-0008

Evidence of Cooling: No

Temp: 20.9 °C

Relinquished by: client

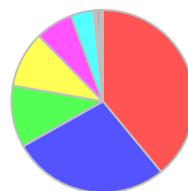


Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)^p **Units %** **Batch:** 2209627 **Analyze:** 11/9/22 8:49:00 AM

Analyte **As Received** **Dry weight** **LOQ** **Notes**

CBC	< LOQ		0.0290	
CBC-A	0.211		0.0290	
CBC-Total	0.185		0.0545	
CBD	1.98		0.0290	
CBD-A	3.21		0.0290	
CBD-Total	4.80		0.0545	
CBDV	< LOQ		0.0290	
CBDV-A	< LOQ		0.0290	
CBDV-Total	< LOQ		0.0542	
CBE	< LOQ		0.0290	
CBG	0.246		0.0290	
CBG-A	4.78		0.0290	
CBG-Total	4.44		0.0542	
CBL	< LOQ		0.0290	
CBL-A	< LOQ		0.0290	
CBL-Total	< LOQ		0.0545	
CBN	0.0613		0.0290	
CBT	0.101		0.0290	
Δ10-THC	< LOQ		0.0290	
Δ8-THC	18.8		0.290	
Δ8-THCV	0.0585		0.0290	
Δ9-THC	< LOQ		0.0290	
exo-THC	< LOQ		0.0290	
HHC (9R-Hexahydrocannabinol)	13.4		0.290	
HHC (9S-Hexahydrocannabinol)	5.28		0.0290	
THC-A	0.0780		0.0290	
THC-O-Acetate, delta-8	< LOQ		0.0290	
THC-O-Acetate, delta-9	< LOQ		0.0290	
THC-Total	0.0684		0.0545	
THCV	< LOQ		0.0290	
THCV-A	< LOQ		0.0290	



- Δ8-THC
- HHC (9R-Hexahydrocannabinol)
- HHC (9S-Hexahydrocannabinol)
- CBG-A
- CBD-A
- CBD
- CBG
- CBC-A
- CBT
- THC-A
- CBN
- Δ8-THCV



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

Potency	Method: J AOAC 2015 V98-6 (mod) ^p			Units %	Batch: 2209627	Analyze: 11/9/22 8:49:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
THCV-Total	< LOQ		0.0542			
Total Cannabinoids	48.2					



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59



Hemp / Cannabis Usable / Extract / Finished Products
Chain of Custody Record
Revision: 4.00 Control#: CR028 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

22-013665

Company: The Hemp Collect Contact: lyle@thehempcollect.com Street: 431 NW Flanders st. City: Portland State: OR Zip: 97209 <input checked="" type="checkbox"/> Email Results: dropbox (IHC) H#: (503) 608164 Fx Results: () Billing (if different): joel@thehempcollect.com				Analysis Requested								PG Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State: <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input checked="" type="checkbox"/> 3 Business Day Rush Turnaround* 3-day <input type="checkbox"/> 2 Business Day Rush Turnaround* 2-day <small>*Check for availability</small>					
Lab ID	Client Sample Identification	Date	Time	Verticidin - DB SS components	Verticidin Multi-Residue - 279 components	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Minor Yields and Metabolites	Micro: C. Col and Total Coliforms	Heavy Metals	Microbiota	Other: HHC Potency	Sample Type ¹	Weight (Units)	Comments/Metric ID
1	Sour Hawaiian - DB Flower (2)							X							V		Samples #1-#4; Alternate Client name: Kol CBD Samples #3-#9; Alternate client name: Zar Wellness
2	Sour Suver - DB Flower (2)							X							V		
3	Sour Hawaiian - DB Flower					X									V		
4	Sour Suver - DB Flower					X									V		
5	Bubba Kush - DB Flower					X									V		
6	Sour Lifter - DB Flower					X									V		
7	Pineapple Kush - DB Flower					X									V		
8	Sweetgum - Moonrocks					X							X	CN			
9	Low Kush DB/HHC Moonrocks					X							X	CN			
10																	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Joel Thompson		11/7	4:00 PM	JSE		11/7	11:59	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 20.9 Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____									

¹ - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples collected at Columbia Laboratories with testing requirements consist of an agreement for services in accordance with the current state of service associated with the OOC. By signing "Relinquished By" you are agreeing to these terms.
2423 NE Whitaker Way Portland, OR 97230 P: (503) 254-1794 / Fax: (503) 254-0492 info@columbialaboratories.com Page _____ of _____ www.columbialaboratories.com



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

Revision: 1 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2209627

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0370	0.034	%	110	80.0	- 120	Acceptable	
CBDV	2	0.0373	0.037	%	102	80.0	- 120	Acceptable	
CBE	2	0.0367	0.034	%	108	80.0	- 120	Acceptable	
CBDA	1	0.0315	0.032	%	98.0	90.0	- 110	Acceptable	
CBGA	1	0.0305	0.032	%	95.9	80.0	- 120	Acceptable	
CBG	1	0.0332	0.034	%	98.4	80.0	- 120	Acceptable	
CBD	1	0.0347	0.033	%	106	90.0	- 110	Acceptable	
THCV	2	0.0374	0.035	%	106	80.0	- 120	Acceptable	
d8THCV	2	0.0376	0.035	%	106	80.0	- 120	Acceptable	
THCVA	2	0.0329	0.033	%	100	80.0	- 120	Acceptable	
CBN	1	0.0351	0.035	%	101	90.0	- 110	Acceptable	
exo-THC	2	0.0390	0.034	%	113	80.0	- 120	Acceptable	
d9THC	1	0.0360	0.034	%	105	90.0	- 110	Acceptable	
d8THC	1	0.0333	0.035	%	96.4	90.0	- 110	Acceptable	
CBL	2	0.0358	0.032	%	111	80.0	- 120	Acceptable	
d10THC	1	0.0303	0.030	%	99.3	80.0	- 120	Acceptable	
CBG	2	0.0376	0.036	%	105	80.0	- 120	Acceptable	
THCA	1	0.0310	0.032	%	96.4	90.0	- 110	Acceptable	
CBCA	2	0.0348	0.034	%	101	80.0	- 120	Acceptable	
CBLA	2	0.0361	0.035	%	104	80.0	- 120	Acceptable	
CBT	2	0.0367	0.036	%	102	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBDV	<LOQ	0.03	%	< 0.03	Acceptable	
CBE	<LOQ	0.03	%	< 0.03	Acceptable	
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	
CBGA	<LOQ	0.03	%	< 0.03	Acceptable	
CBG	<LOQ	0.03	%	< 0.03	Acceptable	
CBD	<LOQ	0.03	%	< 0.03	Acceptable	
THCV	<LOQ	0.03	%	< 0.03	Acceptable	
d8THCV	<LOQ	0.03	%	< 0.03	Acceptable	
THCVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBN	<LOQ	0.03	%	< 0.03	Acceptable	
exo-THC	<LOQ	0.03	%	< 0.03	Acceptable	
d9THC	<LOQ	0.03	%	< 0.03	Acceptable	
d8THC	<LOQ	0.03	%	< 0.03	Acceptable	
CBL	<LOQ	0.03	%	< 0.03	Acceptable	
d10THC	<LOQ	0.03	%	< 0.03	Acceptable	
CBG	<LOQ	0.03	%	< 0.03	Acceptable	
THCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBLA	<LOQ	0.03	%	< 0.03	Acceptable	
CBT	<LOQ	0.03	%	< 0.03	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: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

Revision: 1 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2209627						
Sample Duplicate		Sample ID: 22-013598-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0304	0.03	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBDA	12.4	13.3	0.03	%	6.51	< 20	Acceptable	
CBGA	0.232	0.271	0.03	%	15.7	< 20	Acceptable	
CBG	0.0442	0.0402	0.03	%	9.43	< 20	Acceptable	
CBD	0.831	0.889	0.03	%	6.77	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THC	1.16	1.19	0.03	%	3.01	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	0.0644	0.0704	0.03	%	8.98	< 20	Acceptable	
THCA	0.486	0.510	0.03	%	4.85	< 20	Acceptable	
CBCA	0.564	0.591	0.03	%	4.68	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59





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



Report Number: 22-013665/D004.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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.