



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



Report Number: 23-001439/D007.R000
Report Date: 02/09/2023
ORELAP#: OR100028
Purchase Order:
Received: 02/02/23 15:16

Customer: IHC LLC
Product identity: Live D9 GMY_GA_20
Client/Metric ID: .
Laboratory ID: 23-001439-0004

Summary

Potency:

Analyte per 8g	Result	Limits	Units	Status	
CBD per 8g	0.345		mg/8g		THC-Total per Serving Size 21.6 mg/8g
CBD-A per 8g	0.864		mg/8g		
Δ8-THC per 8g	0.380		mg/8g		CBD-Total per Serving Size 1.10 mg/8g
Δ9-THC per 8g	21.6		mg/8g		(Reported in milligrams per serving)



12423 NE Whitaker Way
Portland, OR 97230
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Report Number: 23-001439/D008.R000
Report Date: 02/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 02/02/23 15:16

Customer: IHC LLC
Product identity: Live D9 GMY
Client/Metric ID: .
Laboratory ID: 23-001439-0003

Summary

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Report Number: 23-001439/D007.R000
Report Date: 02/09/2023
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Purchase Order:
Received: 02/02/23 15:16

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

Product identity: Live D9 GMY_GA_20

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-001439-0004

Evidence of Cooling: No

Temp: 20.1

Relinquished by: client

Serving Size #1: 8 g



Sample Results

Potency per 8g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2301110	Analyze: 2/4/23 12:59:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 8g	< LOQ		mg/8g	0.250	
CBC-A per 8g	< LOQ		mg/8g	0.250	
CBC-Total per 8g	< LOQ		mg/8g	0.469	
CBD per 8g	0.345		mg/8g	0.250	
CBD-A per 8g	0.864		mg/8g	0.250	
CBD-Total per 8g	1.10		mg/8g	0.469	
CBDV per 8g	< LOQ		mg/8g	0.250	
CBDV-A per 8g	< LOQ		mg/8g	0.250	
CBDV-Total per 8g	< LOQ		mg/8g	0.467	
CBE per 8g	< LOQ		mg/8g	0.250	
CBG per 8g	< LOQ		mg/8g	0.250	
CBG-A per 8g	< LOQ		mg/8g	0.250	
CBG-Total per 8g	< LOQ		mg/8g	0.467	
CBL per 8g	< LOQ		mg/8g	0.250	
CBL-A per 8g	< LOQ		mg/8g	0.250	
CBL-Total per 8g	< LOQ		mg/8g	0.469	
CBN per 8g	< LOQ		mg/8g	0.250	
CBT per 8g	< LOQ		mg/8g	0.250	
Δ8-THCV per 8g	< LOQ		mg/8g	0.250	
Δ10-THC-9R per 8g	< LOQ		mg/8g	0.250	
Δ10-THC-9S per 8g	< LOQ		mg/8g	0.250	
Δ10-THC-Total per 8g	< LOQ		mg/8g	0.500	
Δ8-THC per 8g	0.380		mg/8g	0.250	
Δ9-THC per 8g	21.6		mg/8g	0.250	
exo-THC per 8g	< LOQ		mg/8g	0.250	
THC-A per 8g	< LOQ		mg/8g	0.250	
THC-Total per 8g	21.6		mg/8g	0.469	
THCV per 8g	< LOQ		mg/8g	0.250	
THCV-A per 8g	< LOQ		mg/8g	0.250	
THCV-Total per 8g	< LOQ		mg/8g	0.469	



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Received: 02/02/23 15:16

Potency per 8g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2301110	Analyze: 2/4/23 12:59:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 8g	23.3		mg/8g		



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Received: 02/02/23 15:16

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

Product identity: Live D9 GMY
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-001439-0003
Evidence of Cooling: No
Temp: 20.1
Relinquished by: client



Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2301091	02/06/23 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2301091	02/06/23 AOAC 991.14 (Petrifilm) ^P		

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic	< LOQ		mg/kg	0.0141	2301312	02/10/23 AOAC 2013.06 (mod.) ^P		
Cadmium	< LOQ		mg/kg	0.0141	2301312	02/10/23 AOAC 2013.06 (mod.) ^P		
Lead	< LOQ		mg/kg	0.0141	2301312	02/10/23 AOAC 2013.06 (mod.) ^P		
Mercury	< LOQ		mg/kg	0.00707	2301312	02/10/23 AOAC 2013.06 (mod.) ^P		

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B2 [‡]	< LOQ		µg/kg	5.00	2301199	02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		
Aflatoxin B1 [‡]	< LOQ		µg/kg	5.00	2301199	02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		
Aflatoxin G1 [‡]	< LOQ		µg/kg	5.00	2301199	02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		
Aflatoxin G2 [‡]	< LOQ		µg/kg	5.00	2301199	02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		
Ochratoxin A [‡]	< LOQ		µg/kg	5.00	2301199	02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		
Total Aflatoxins [‡]	0.000		µg/kg	20.0		02/08/23 AOAC 2007.01 & EN 15662 (mod) ^P		



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Received: 02/02/23 15:16

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

- g = g
- mg/8g = Milligram per 8g
- % = Percentage of sample
- % wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Report Number: 23-001439/D007.R000
Report Date: 02/09/2023
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Purchase Order:
Received: 02/02/23 15:16

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2301110

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0336	0.034	%	99.4	80.0	- 120	Acceptable	
CBDV	2	0.0360	0.036	%	99.9	80.0	- 120	Acceptable	
CBE	2	0.0349	0.035	%	99.5	80.0	- 120	Acceptable	
CBDA	1	0.0374	0.037	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0376	0.037	%	102	80.0	- 120	Acceptable	
CBG	1	0.0394	0.038	%	103	80.0	- 120	Acceptable	
CBD	1	0.0385	0.038	%	102	90.0	- 110	Acceptable	
THCV	2	0.0339	0.034	%	98.7	80.0	- 120	Acceptable	
d8THCV	2	0.0353	0.036	%	98.9	80.0	- 120	Acceptable	
THCVA	2	0.0320	0.032	%	99.1	80.0	- 120	Acceptable	
CBN	1	0.0400	0.039	%	102	80.0	- 120	Acceptable	
exo-THC	2	0.0334	0.034	%	98.7	80.0	- 120	Acceptable	
d9THC	1	0.0398	0.040	%	101	90.0	- 110	Acceptable	
d8THC	1	0.0405	0.040	%	101	90.0	- 110	Acceptable	
9S-d10THC	1	0.0201	0.020	%	99.6	80.0	- 120	Acceptable	
CBL	2	0.0331	0.034	%	97.0	80.0	- 120	Acceptable	
9S-HHC	3	0.0315	0.033	%	94.5	80.0	- 120	Acceptable	
9R-d10THC	1	0.0181	0.018	%	99.5	80.0	- 120	Acceptable	
CBc	2	0.0349	0.035	%	98.5	80.0	- 120	Acceptable	
9R-HHC	3	0.0301	0.033	%	90.2	80.0	- 120	Acceptable	
THCA	1	0.0377	0.036	%	105	90.0	- 110	Acceptable	
CBCA	2	0.0338	0.034	%	98.7	80.0	- 120	Acceptable	
CBLA	2	0.0343	0.035	%	99.0	80.0	- 120	Acceptable	
d8THCO	3	0.0337	0.033	%	101	80.0	- 120	Acceptable	
CBT	2	0.0337	0.035	%	95.5	80.0	- 120	Acceptable	
d9THCO	3	0.0329	0.033	%	98.6	80.0	- 120	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	
9S-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
9S-HHC	<LOQ	0.003	%	< 0.003	Acceptable	
9R-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBc	<LOQ	0.003	%	< 0.003	Acceptable	
9R-HHC	<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	
d8THCO	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	
d9THCO	<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



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Purchase Order:
Received: 02/02/23 15:16

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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2301110						
Sample Duplicate		Sample ID: 23-001354-0008						
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	
CBDGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.156	0.157	0.003	%	0.585	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-HHC	<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	
d8THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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.



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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			



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Report Number: 21-013634/D011.R000
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Received: 11/18/21 00:00

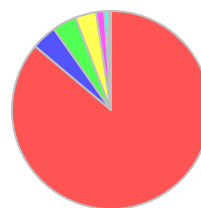
Customer: IHC LLC
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

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



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Report Number: 21-013634/D011.R000
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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



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Report Number: 21-013634/D011.R000
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 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: IHL 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 Fusarium Multi-Residue - 379 compounds Penicillium Fungal 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	Fusarium Multi-Residue - 379 compounds	Penicillium	Fungal 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: <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" are not appearing 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



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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.