



Report Number: 23-002705/D002.R002

Report Date: 10/30/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 03/07/23 10:25

This is an amended version of report# 23-002705/D002.R001.

Reason: Updated customer information.

Customer: The Hemp Collect

Product identity: Full Spectrum Live CBD Gummy, Adaptogen Enhanced- Elderberry 10mg

 Client/Metrc ID:
 3401TL-022423

 Laboratory ID:
 23-002705-0002

Summary

Potency:

Analyte per 3.5g	Result	Limits	Units	Status	CBD-Total per Serving Size 10.2 mg/3.5g
CBC-A per 3.5g	0.459		mg/3.5g		<u> </u>
CBD per 3.5g	2.95		mg/3.5g		THC-Total per Serving Size 0.543 mg/3.5g
CBD-A per 3.5g	8.23		mg/3.5g		THC-Total per Serving Size 0.543 mg/3.5g
CBG-A per 3.5g	0.178		mg/3.5g		(Reported in milligrams per serving)
Δ9-THC per 3.5g	0.212		mg/3.5g		3 2 2 7 2 3 3
THC-A per 3.5g	0.378		mg/3.5g		





Report Number: 23-002705/D002.R002

Report Date: 10/30/2023 ORELAP#: OR100028

Purchase Order:

03/07/23 10:25 Received:

Customer: The Hemp Collect

Full Spectrum Live CBD Gummy, Adaptogen Enhanced- Elderberry 10mg Product identity:

Client/Metrc ID: 3401TL-022423

Sample Date:

Laboratory ID: 23-002705-0002

Evidence of Cooling: No Temp: 16.6 Relinquished by: ups Serving Size #1: 3.5 g



Sample Results

Potency per 3.5g	Method: J AOAC 2015 V	'98-6 (mod) ^þ	Units mg/se Bate	ch: 2302108	Analyze: 3/9/23	12:48:00 AM
Analyte	Result	Limits	Units	LOQ		Notes
CBC per 3.5g	< LOQ		mg/3.5g	0.110		
CBC-A per 3.5g	0.459		mg/3.5g	0.110		
CBC-Total per 3.5g	0.402		mg/3.5g	0.206		
CBD per 3.5g	2.95		mg/3.5g	0.110		
CBD-A per 3.5g	8.23		mg/3.5g	0.110		
CBD-Total per 3.5g	10.2		mg/3.5g	0.206		
CBDV per 3.5g	< LOQ		mg/3.5g	0.110		
CBDV-A per 3.5g	< LOQ		mg/3.5g	0.110		
CBDV-Total per 3.5g	< LOQ		mg/3.5g	0.204		
CBE per 3.5g	< LOQ		mg/3.5g	0.110		
CBG per 3.5g	< LOQ		mg/3.5g	0.110		
CBG-A per 3.5g	0.178		mg/3.5g	0.110		
CBG-Total per 3.5g	< LOQ		mg/3.5g	0.204		
CBL per 3.5g	< LOQ		mg/3.5g	0.110		
CBL-A per 3.5g	< LOQ		mg/3.5g	0.110		
CBL-Total per 3.5g	< LOQ		mg/3.5g	0.206		
CBN per 3.5g	< LOQ		mg/3.5g	0.110		
CBT per 3.5g	< LOQ		mg/3.5g	0.110		
Δ8-THCV per 3.5g	< LOQ		mg/3.5g	0.110		
Δ10-THC-9R per 3.5g	< LOQ		mg/3.5g	0.110		
Δ10-THC-9S per 3.5g	< LOQ		mg/3.5g	0.110		
Δ10-THC-Total per 3.5g	< LOQ		mg/3.5g	0.219		
∆8-THC per 3.5g	< LOQ		mg/3.5g	0.110		
Δ9-THC per 3.5g	0.212		mg/3.5g	0.110		
exo-THC per 3.5g	< LOQ		mg/3.5g	0.110		
THC-A per 3.5g	0.378		mg/3.5g	0.110		
THC-Total per 3.5g	0.543		mg/3.5g	0.206		
THCV per 3.5g	< LOQ		mg/3.5g	0.110		
THCV-A per 3.5g	< LOQ		mg/3.5g	0.110		
THCV-Total per 3.5g	< LOQ		mg/3.5g	0.206		
		www.columb	ialaboratories.com			Page 2 of 8

www.columbialaboratories.com





Report Number: 23-002705/D002.R002

Report Date: 10/30/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 03/07/23 10:25

Potency per 3.5g Method: J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2302108 Analyze: 3/9/23 12:48:00 AM

Analyte Result Limits Units LOQ Notes

Total Cannabinoids per 3.5g 12.6 mg/3.5g





Report Number: 23-002705/D002.R002

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Received: 03/07/23 10:25

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.

b = ISO/IEC 17025:2017 accredited method.

Units of Measure

g = g mg/3.5g = Milligram per 3.5g% = Percentage of sample % wt = $\mu g/g$ divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 23-002705/D002.R002

Report Date: 10/30/2023 ORELAP#: OR100028

Purchase Order:

Received: 03/07/23 10:25

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

2015 V986		Baton ID: 2302108									
ory Control :	Sample										
	LCS	Result	Spike	Units	%Rec	Limits	3	Evaluation	Notes		
	2	0.0357	0.033	%	108	80.0 -	120	Acceptable			
	2	0.0384	0.035	%	109	80.0 -	120	Acceptable			
	2	0.0365	0.034	%	107	80.0 -	120	Acceptable			
	1	0.0359	0.036	%	99.2	90.0 -	110	Acceptable			
	1	0.0354	0.036	%	98.8	80.0 -	120	Acceptable			
	1	0.0375	0.038	%	99.5	80.0 -	120	Acceptable			
	1	0.0367	0.037	%	99.1	90.0 -	110	Acceptable			
	2	0.0364	0.033	%	109	80.0 -	120	Acceptable			
'	2	0.0382	0.036	%	106	80.0 -	120	Acceptable			
	2	0.0353	0.033	%	108	80.0 -	120	Acceptable			
	1	0.0277	0.038	0/_	00.2	90.0	120	Acceptable			

Laboratory Quality Control Results

CBDA	1	0.0359	0.036	%	99.2	90.0	-	110	Acceptable	
CBGA	1	0.0354	0.036	%	98.8	80.0	-	120	Acceptable	
CBG	1	0.0375	0.038	%	99.5	80.0	-	120	Acceptable	
CBD	1	0.0367	0.037	%	99.1	90.0	-	110	Acceptable	
THCV	2	0.0364	0.033	%	109	80.0	-	120	Acceptable	
d8THCV	2	0.0382	0.036	%	106	80.0	-	120	Acceptable	
THCVA	2	0.0353	0.033	%	108	80.0	-	120	Acceptable	
CBN	1	0.0377	0.038	%	99.3	80.0	-	120	Acceptable	
exo-THC	2	0.0357	0.034	%	106	80.0	-	120	Acceptable	
d9THC	1	0.0376	0.036	%	104	90.0	-	110	Acceptable	
d8THC	1	0.0378	0.037	%	102	90.0	-	110	Acceptable	
9Sd10THC	1	0.0379	0.037	%	102	80.0	-	120	Acceptable	
CBL	2	0.0365	0.033	%	110	80.0	-	120	Acceptable	
9R-d10THC	1	0.0353	0.036	%	96.8	80.0	-	120	Acceptable	
CBC	2	0.0383	0.036	%	107	80.0	-	120	Acceptable	
THCA	1	0.0358	0.036	%	98.9	90.0	-	110	Acceptable	
CBCA	2	0.0374	0.035	%	107	80.0	-	120	Acceptable	
CBLA	2	0.0372	0.035	%	107	80.0	-	120	Acceptable	
CBI	2	0.0374	0.036	%	105	80.0	-	120	Acceptable	

CDI	2 0.0374	0.030	/0 105	00.0 - 120	Acceptable	
Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CEE	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBGA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBG	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THCV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCVA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBN	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
exo-THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d9THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
9Sd10THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CB.	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
9R-d10THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBCA	<l0q< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBLA	<l0q< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBE	4.00	0.003	0/2	< 0.003	Accentable	

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

Units of Measure: % - Percent





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Report Date: 10/30/2023 ORELAP#: OR100028

Purchase Order:

Received: 03/07/23 10:25

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

Laboratory Quality Control Results

JAOAC2015 V986						tch ID: 2302108						
Sample Duplicate		Sample ID: 23-0026730001										
Analyte	Result	Org. Reult	LOQ	Units	RFD	Limits	Evaluation	Notes				
CBDVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBDV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CEE	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBDA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBGA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBG	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBD	0.193	0.191	0.003	%	1.39	< 20	Acceptable					
THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
d8THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
THCVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBN	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
exo-THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
d9THC	0.217	0.216	0.003	%	0.531	< 20	Acceptable					
d8THC	0.0808	0.0787	0.003	%	2.55	< 20	Acceptable					
9Sd10THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CB.	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
9R-d10THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
THCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CB.A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable					
CBT	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></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





Report Number: 23-002705/D002.R002

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Purchase Order:

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23-002705/D002.R002 **Report Number:**

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Purchase Order:

03/07/23 10:25 Received:

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.
В	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.

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample Crystal Resistant CBD Distillate

Sample ID SD230428-009 (74692)	Matrix Concentrate (Inhalable Cannabis Good)	Batch ID 01DST227-CRD						
Tested for The Hemp Collect								
Sampled -	Received Apr 27, 2023	Reported NA						
Analyses executed CAN+, RES, MIBIG, MTO, PES, HME, FVI								

CAN+ - Cannabinoids Analysis

Analyzed May 03, 2023 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately 4.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigeral Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	9.37	93.74
Cannabidiol (CBD)	0.001	0.16	58.49	584.87
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	ND	ND
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.21	2.14
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 8THC)			ND	ND
Total CBD (CBDa * 0.877 + CBD)			58.49	584.87
Total CBG (CBGa * 0.877 + CBG)			9.37	93.74
Total Cannabinoids			68.07	680.74

HME - Heavy Metals Detection Analysis

Analyzed Apr 28, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	0.00	0.2
Cadmium (Cd)	3.0e-05	0.0005	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1
Lead (Pb)	1.0e-05	0.00125	ND	0.5

MIBIG - Microbial Testing Analysis

Analyzed May 01, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed May 02, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20









This Certificate of Analysis has not been finalized and it represents a draft until electronically signed by:

Brandon Starr, Lab Manager



PES - Pesticides Screening Analysis

Analyzed May 02, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Apr 28, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ig/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	38.9		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	<loq< td=""><td></td></loq<>	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	47.5	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	4.8		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	ND		Xulenes (Xul)	0.4	40.0	ND	

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Apr 27, 2023 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
>1 insect fragment, 1 hair, or 1 count mammalian excreta per 3a	ND	> 1/4 of the total sample area covered bu an imbedded foreian material	ND

UI Not Identified
ND Not Detected
NA Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
«LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colonly Forming Units per 1 gram
TNTC Too Numerous to Count







This Certificate of Analysis has not been finalized and it represents a draft until electronically signed by:

Brandon Starr, Lab Manager







Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

Customer: IHC LLC

Product identity: 01LIR209_Llama

Client/Metrc ID:

Laboratory ID: 23-000691-0009

Summary

Potency:

Analyte	Result (%)			
CBD-A	68.0	CBD-A	CBD-Total	60.9%
CBC-A	3.27	CBC-A		
THC-A	3.16	• THC-A	THC-Total	3.56%
CBG-A	1.32	CBG-ACBD		
CBD	1.23	Δ9-THC	(Reported in pe	ercent of total sample)
Δ9-THC	0.785	• CBDV-A		
CBDV-A	0.452	• CBC		
CBC	0.334	• CBG		
CBG	0.163			

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

Result Limits Statu (mg/kg) (mg/kg)
idue Pesticide Profile

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.





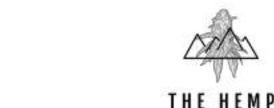
Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

COLLECT



Customer: IHC LLC

825 NW 16th Ave Portland Oregon 97209 United States of America (USA)

Product identity: 01LIR209_Llama

Client/Metrc ID:

Sample Date:

Laboratory ID: 23-000691-0009

Evidence of Cooling: No
Temp: 20 °C
Relinquished by: ramos

Sample Results

Potency	Method: J AOAC	2015 V98-6 (mod) ^b	Units %	Batch: 2300680	Analyze: 1/21/23	5:15:00 AM
Analyte		,	lotes			
000	Received w	_				CBD-A
CBC	0.334	0.0668				CBC-A
CBC-A	3.27	0.0668				THC-A
CBC-Total	3.20	0.125				O CBG-A
CBD	1.23	0.0668				CBDΔ9-THC
CBD-A	68.0	0.668				© CBDV-A
CBD-Total	60.9	0.653				• CBC
CBDV	< LOQ	0.0668				• CBG
CBDV-A	0.452	0.0668				
CBDV-Total	0.392	0.125				
CBE	< LOQ	0.0668				
CBG	0.163	0.0668				
CBG-A	1.32	0.0668				
CBG-Total	1.32	0.125				
CBL	< LOQ	0.0668				
CBL-A	< LOQ	0.0668				
CBL-Total	< LOQ	0.125				
CBN	< LOQ	0.0668				
CBT	< LOQ	0.0668				
Δ10-THC-9R	< LOQ	0.0668				
Δ8-THC	< LOQ	0.0668				
Δ8-THCV	< LOQ	0.0668				
Δ9-THC	0.785	0.0668				
exo-THC	< LOQ	0.0668				
THC-A	3.16	0.0668				
THC-Total	3.56	0.125				
THCV	< LOQ	0.0668				
THCV-A	< LOQ	0.0668				
THCV-Total	< LOQ	0.125				
Total Cannabinoids	78.7					





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

Microbiology						
Analyte	Result	Limits Units	LOQ	Batch	Analyzed Method	Status Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	2300531	01/21/23 AOAC 2014.05 (RAPID) ^b	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	2300531	01/21/23 AOAC 2014.05 (RAPID) ^b	

Solvents	Method:	Residua	I Solve	ents by	GC/MS ^þ	Units µg/g Batch 2	300722	Analyz	e 01/2	24/23 12:13 PM
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
lsopropylbenzene (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

Pesticides	Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2300713	Analyze 01/24/23 10:07 AM
Analyte	Result	Limits	Status	Notes

Multi-Residue Pesticide Profile < LOQ for all analytes

Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic	< LOQ	0.200	mg/kg	0.0844	2300594	01/18/23 AOAC 2013.06 (mod.) ^p	pass
Cadmium	< LOQ	0.200	mg/kg	0.0844	2300594	01/18/23 AOAC 2013.06 (mod.) ^p	pass
Lead	< LOQ	0.500	mg/kg	0.0844	2300594	01/18/23 AOAC 2013.06 (mod.) ^p	pass
Mercury	< LOQ	0.100	mg/kg	0.0422	2300594	01/18/23 AOAC 2013.06 (mod.) ^b	pass





23-000691/D006.R000 **Report Number:**

Report Date: 01/24/2023 ORELAP#: OR100028

Purchase Order:

Received: 01/17/23 14:16

Mycotoxins							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aflatoxin B2¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) ^b	
Aflatoxin B1¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) ^b	
Aflatoxin G1¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) ^b	
Aflatoxin G2¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) ^b	
Ochratoxin A¥	< LOQ	20.0	μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) ^b	pass
Total Aflatoxins*	0.000	20.0	μg/kg	20.0		01/24/23 AOAC 2007.01 & EN 15662 (mod) ^b	pass





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

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.

* = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

μg/g = Microgram per gram

μg/kg = Micrograms per kilogram = parts per billion (ppb)

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

% = Percentage of sample

% wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16



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

Revision: 4.00 Control#: CF029 Rev 02/24/2021 Eff: 03/04/2021. CREAP C: CR100006

		= -3				A	rafys	s Req	ueste	¢					0 flumber:	
Company: The Hemp Collect Contact: kyle@thehempcol Street: 431 NW Handers st. One: Portland State: Sid Email Results: dropbox (IHI Phr. [51] 508154 [] Fx Results sting (# efferent): Joel@thehem	UF 2p.	97209	-OR59 comprised			athat Solvents	& Water Activity	k Water	Report Yearst and Motel	Move E, Coli and Total Celiforn	Oak and Total Celiforni dala			Project Proj Cantom I Report to	t Number: pec Name: laporting: o State: - WE outlines: W 54	THE or Chec. Sections Day Standard Terrenound Sections Day Righ Terrenound* Oppings Day Righ Terrenound* Oppings On continuings
Lab Client Sareple Identification 1 01LIRVAP200_SP	Date	True	restotles	Pertition	Potenty	heathar	Mototare	Yenpones	Memorra	Mensif	Beary Metals	Mecedados	Differi	Sample Type †	Weight (Units)	Comments/Metro 10
2 O1LIRVAP200 PB				\vdash	×	\vdash					-	-		C		
3 0107LIRVAP200 Liams	_			\vdash	×	-			-			-		C		
4 0107LIRVAP200 OGK					×			-						C	_	
5 01020506LIRVAP200_	TG				X	\vdash	-	-			-	-	-	C	-	
6 01020506LIRVAP200_	FV			Н	×	-	-				-	-		C		
7 01LIR209 GJ		1		×	x	х			х	-	X	×		C		
8 01LIR209_SG				×	×	X			×		х	x		С		
9 01LIR209_Llama				×	×	×			х		х	x		C		
10 01LIR209_TG				×	×	X					х			C	1	
Helinquished by:	Cute	Time		12	2	ocalminal	By:			Di	die	-19	10			Lab Use Only:
Kyle Farook	1/17	11:00 A		é		5				-	-	11/1	_	□ Shipped Vis: or □ Chert drop = Evidence of cooling: □ Yes □ No - Tomp (□: 20, e)		es Dilla - Temp Cr. 20. 6
232	1.17	/338		Q.	35	_				olt	123	190	4	Simple in good condition: ① Yes ① No		

1 - Sample Type Codes: Vogotation (V); Isolates (S); Extract/Concentrate (C); Taxture/Tapical (T); Edible (E); Severage (U)

Employ information Columbia Extraction with transpropriation or opposition on agreement for exercise to exercise the control transposition of the COC. In Open, "Estimated by "you are agreement that seemed to the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the COC. In Open, "Estimated by "you are agreement to the control transposition of the control transp





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 ORELAP#: OR100028

Purchase Order:

Received: 01/17/23 14:16

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

J AOAC 2015 V98-6					В	atch ID: 2300680		
Laboratory Control Sa	mple							
Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.104	0.100	%	104	80.0 - 120	Acceptable	
CBDV	2	0.110	0.106	%	104	80.0 - 120	Acceptable	
CBE	2	0.108	0.105	%	103	80.0 - 120	Acceptable	
CBDA	1	0.0968	0.096	%	101	90.0 - 110	Acceptable	
CBGA	1	0.0973	0.096	%	101	80.0 - 120	Acceptable	
CBG	1	0.100	0.099	%	102	80.0 - 120	Acceptable	
CBD	1	0.0969	0.097	%	99.6	90.0 - 110	Acceptable	
THCV	2	0.109	0.106	%	102	80.0 - 120	Acceptable	
d8THCV	2	0.108	0.103	%	105	80.0 - 120	Acceptable	
THCVA	2	0.102	0.099	%	103	80.0 - 120	Acceptable	
CBN	1	0.104	0.102	%	102	80.0 - 120	Acceptable	
exo-THC	2	0.101	0.097	%	104	80.0 - 120	Acceptable	
d9THC	1	0.112	0.105	%	107	90.0 - 110	Acceptable	
STHC	1	0.0971	0.100	%	96.7	90.0 - 110	Acceptable	
CBL	2	0.108	0.104	%	104	80.0 - 120	Acceptable	
9S-HHC	3	0.0995	0.100	%	99.5	80.0 - 120	Acceptable	
d10THC	1	0.0471	0.047	%	99.8	80.0 - 120	Acceptable	
CBC	2	0.107	0.104	%	103	80.0 - 120	Acceptable	
9R-HHC	3	0.0889	0.100	%	88.9	80.0 - 120	Acceptable	
THCA	1	0.0964	0.095	%	101	90.0 - 110	Acceptable	
CBCA	2	0.106	0.103	%	103	80.0 - 120	Acceptable	
CBLA	2	0.108	0.105	%	104	80.0 - 120	Acceptable	
d8THCO	3	0.104	0.100	%	104	80.0 - 120	Acceptable	
CBT	2	0.109	0.105	%	104	80.0 - 120	Acceptable	
d9THCO	3	0.110	0.100	%	110	80.0 - 120	Acceptable	

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBDV	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBE	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBDA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBGA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBG	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBD	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCV	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THCV	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCVA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBN	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
exo-THC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d9THC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBL	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
9S-HHC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d10THC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
9R-HHC	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBCA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBLA	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THCO	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBT	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d9THCO	<loq< td=""><td>0.0077</td><td>%</td><td>< 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	

Abbreviations

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

Units of Measure: % - Percent





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

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

Laboratory Quality Control Results

J AOAC 2015 V98-6					Ba	tch ID: 2300680						
Sample Duplicate			Sample ID: 23-000673-0001									
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes				
CBDVA	0.0236	0.0235	0.077	%	0.271	< 20	Acceptable					
CBDV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBE	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBDA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBGA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBG	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBD	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
d8THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
THCVA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBN	0.0340	0.0342	0.077	%	0.526	< 20	Acceptable					
exo-THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
d9THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
d8THC	0.189	0.172	0.077	%	9.34	< 20	Acceptable					
CBL	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
9S-HHC	39.6	38.5	0.077	%	2.70	< 20	Acceptable					
d10THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
9R-HHC	36.9	35.2	0.077	%	4.96	< 20	Acceptable					
THCA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBCA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBLA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
d8THCO	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
CBT	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					
d9THCO	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					

hhreviation

ND - None Detected at or above MRL

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

R2 - Sample replicates RPD non-calculable, as only one replicate is within analytical range.

Units of Measure:





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 01/17/23 14:16

Revision: 2 Document ID: 7087 Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results												
Residual Solvents						Bat	ch ID:	230072	22			
Method Blank					Laborator	y Control Sa	ample					
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	- 1	imi	its	Notes
Propane	ND	<	200		480	572	μg/g	83.9	60	-	120	
sobutane	ND	<	200		623	731	μg/g	85.2	60		120	
Butane	ND	<	200		592	731	μg/g	81.0	60		120	
2,2-Dimethylpropane	ND	<	200		812	936	μg/g	86.8	60	,	120	
Methanol	ND	<	200		1410	1620	μg/g	87.0	60	i	120	
thylene Oxide	ND	<	30		49	56.2	μg/g	87.2	60	ı	120	
2-Methylbutane	ND	<	200		1330	1610	μg/g	82.6	60	ı	120	
Pentane	ND	<	200		1330	1600	μg/g	83.1	60	١	120	
Ethanol	ND	<	200		1400	1610	μg/g	87.0	70	٠	130	
Ethyl Ether	ND	<	200		1340	1630	μg/g	82.2	60	٠	120	
2,2-Dimethylbutane	ND	<	30		138	171	μg/g	80.7	60	•	120	
Acetone	ND	<	200		1340	1630	μg/g	82.2	60	•	120	
2-Propanol	ND	<	200		1440	1620	μg/g	88.9	60	٠	120	
thyl Formate	ND	<	500		1380	1670	μg/g	82.6	70	٠	130	
Acetonitrile	ND	<	100		409	498	μg/g	82.1	60	Ŀ	120	
Methyl Acetate	ND ND	<	500		1460	1730	μg/g	84.4	70	Ŀ	130	
2,3-Dimethylbutane	ND ND	<	30		135	171	μg/g	78.9	60	Ŀ	120	
Dichloromethane	ND ND	<	60		406	483	μg/g	84.1	60	Ŀ	120	
2-Methylpentane	ND ND	<	30		146	168	μg/g	86.9	60 70	Ŀ	120	
MTBE 3-Methylpentane	ND ND	<	500 30		1520 125	1650 167	μg/g	92.1 74.9	60	Ŀ	130 120	.
Hexane	ND ND	<	30		178	182	μg/g	97.8	60	Ŀ	120	
1-Propanol	ND ND	<	500		1420	1620	μg/g	87.7	70	Ŀ	130	
Methylethylketone	ND ND	<	500		1330	1620	μg/g	82.1	70	Ė	130	
Ethyl acetate	ND ND	<	200		1360	1610	μg/g μg/g	84.5	60	Ė	120	
2-Butanol	ND ND	- <	200		1430	1600	μg/g μg/g	89.4	60	÷	120	
Tetrahydrofuran	ND ND	~	100		397	483	μg/g	82.2	60	Ė	120	
Cyclohexane	ND ND	~	200		1300	1610	μg/g	80.7	60	Ŀ	120	
2-methyl-1-propanol	ND ND	· ·	500		1360	1620	μg/g	84.0	70	-	130	
Benzene	ND ND	· ·	1		4.42	5.02	μg/g	88.0	60	-	120	
sopropyl Acetate	ND	<	200		1450	1620	μg/g	89.5	60		120	
Heptane	ND	<	200		1280	1610	μg/g	79.5	60	-	120	
1-Butanol	ND	<	500		1450	1630	μg/g	89.0	70	-	130	
Propyl Acetate	ND	<	500		1310	1610	μg/g	81.4	70	-	130	
1,4-Dioxane	ND	<	100		390	491	μg/g	79.4	60	-	120	
2-Ethoxyethanol	ND	<	30		296	181	μg/g	163.5	60	-	120	Q1
Methylisobutylketone	ND	<	500		1260	1620	μg/g	77.8	70	-	130	
3-Methyl-1-butanol	ND	<	500		1380	1630	μg/g	84.7	70		130	
Ethylene Glycol	ND	<	200		652	484	μg/g	134.7	60		120	Q1
Toluene	ND	<	100		373	485	μg/g	76.9	60		120	
sobutyl Acetate	ND	<	500		1320	1630	μg/g	81.0	70		130	
1-Pentanol	ND	<	500		1330	1620	μg/g	82.1	70		130	
Butyl Acetate	ND	<	500		1280	1620	μg/g	79.0	70		130	
Ethylbenzene	ND	<	200		712	969	μg/g	73.5	60	Ŀ	120	
m,p-Xylene	ND	<	200		720	994	μg/g	72.4	60	_	120	
o-Xylene	ND	<	200		694	967	μg/g	71.8	60	-	120	
Cumene	ND	<	30		126	171	μg/g	73.7	60	-	120	
Anisole	ND	<	500		1120	1630	μg/g	68.7	70	-	130	Q6
OMSO	ND	<	500		2220	1680	μg/g	132.1	70	Ŀ	130	Q1
,2-dimethoxyethane	ND	<	50		147	169	μg/g	87.0	70	-	130	
riethylamine	ND	<	500		1340	1630	μg/g	82.2	70	-	130	
N,N-dimethylformamide	ND	<	150		573	482	μg/g	118.9	70	-	130	
N,N-dimethylacetamide	ND	<	150		533	510	μg/g	104.5	70	-	130	
Pyridine	ND	<	50		194	203	μg/g	95.6	70	-	130	
Sulfolane	ND	<	50		198	172	μg/g	115.1	70	-	130	
1,2-Dichloroethane	ND	<	1		0.857	1	μg/g	85.7	70	Ŀ	130	
hloroform	ND	<	1		0.892	1	μg/g	89.2	70	Ŀ	130	
Frichloroethylene	ND	<	1		0.93	1	μg/g	93.0	70	-	130	
1,1-Dichloroethane	ND	<	1		0.899	1	μg/g	89.9	70	Ŀ	130	





Report Number: 23-000691/D006.R000

Report Date: 01/24/2023 ORELAP#: OR100028

Purchase Order:

Received: 01/17/23 14:16

Revision: 2 Document ID: 7087 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate					Sample ID:	23-000158-0002	
Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
sobutane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 μg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND ND	200 μg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 μg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND ND	500 μg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND ND	30 μg/g	0.0	< 20	Acceptable	
Dichloromethane	ND ND	ND ND	60 μg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND ND	ND ND	30 μg/g	0.0	< 20	Acceptable	
MTBE	ND ND	ND ND		0.0	< 20	Acceptable	
3-Methylpentane	ND ND	ND ND		0.0	< 20	Acceptable	
Hexane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 μg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1 μg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500 μg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 μg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500 μg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100 μg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500 μg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500 μg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30 μg/g	0.0	< 20	Acceptable	i
Anisole	ND	ND	500 μg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500 μg/g	0.0	< 20	Acceptable	i
1,2-dimethoxyethane	ND	ND ND	50 μg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND ND	500 μg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND ND	ND ND	150 μg/g	0.0	< 20	Acceptable	l
N,N-dimethylacetamide	ND ND	ND ND	150 μg/g	0.0	< 20	Acceptable	
Pyridine	ND ND	ND ND	50 μg/g	0.0	< 20	Acceptable	
Sulfolane	ND ND	ND ND	50 μg/g 50 μg/g	0.0	< 20	Acceptable	
1.2-Dichloroethane	ND ND	ND ND		0.0	< 20	Acceptable	
1,2-Dichioroethane Chloroform	ND ND			0.0	< 20		
	ND ND	ND ND	1 μg/g	0.0	< 20 < 20	Acceptable	
Trichloroethylene		ND	1 μg/g			Acceptable	
1,1-Dichloroethane	ND	ND	1 μg/g	0.0	< 20	Acceptable	

Abbreviations

Units of Measure:

ND - None Detected at or above MRL RPD - Relative Percent Difference

μg/g- Microgram per gram or ppm

LOQ - Limit of Quantitation

Q1 - Quality control result biased high. Only non-detect samples reported.
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.





23-000691/D006.R000 **Report Number:**

Report Date: 01/24/2023 ORELAP#: OR100028

Purchase Order:

Received: 01/17/23 14:16







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Purchase Order:

01/17/23 14:16 Received:

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.							
В	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.							