



**Report Number:** 23-000691/D008.R000

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

**Purchase Order:** 

**Received:** 01/17/23 14:16

Customer: IHC LLC

Product identity: 0107LIRVAP200\_Llama

Client/Metrc ID:

**Laboratory ID:** 23-000691-0003

# Summary

Potency: Analyte Result (%) CBD Δ9-THC CBD-Total 37.4% CBD CBN 28.2 CBC **CBN** 19.8 CBD-A CBC 15.7 THC-Total 0.311% CBG CBD-A 10.5 CBT **CBG** 3.98 (Reported in percent of total sample) CBE CBT 1.57 CBC-A CBE 1.28 THC-A CBC-A CBDV 0.249 THC-A CBG-A 0.239 CBDV 0.187 CBG-A 0.106 Δ9-THC 0.101





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Customer: IHC LLC

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

Product identity: 0107LIRVAP200\_Llama

Client/Metrc ID:

Sample Date:

**Laboratory ID:** 23-000691-0003

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

# **Sample Results**

Potency	Method: J AOAC 201	5 V98-6 (mod)	b Units %	Batch: 2300604	<b>Analyze:</b> 1/19/23 1:17:00 AM
Analyte	As Dry	LOQ	Notes		
	Received weigh				● CBD ● CBG-A
CBC	15.7	0.0717			<ul><li>CBN • Δ9-THC</li></ul>
CBC-A	0.249	0.0717			● CBC ● CBD-A
CBC-Total	15.9	0.135			• CBG
CBD	28.2	0.717			O CBT
CBD-A	10.5	0.0717			CBE
CBD-Total	37.4	0.780			• CBC-A
CBDV	0.187	0.0717			• THC-A
CBDV-A	< LOQ	0.0717			<ul><li>CBDV</li></ul>
CBDV-Total	0.187	0.134			
CBE	1.28	0.0717			
CBG	3.98	0.0717			
CBG-A	0.106	0.0717			
CBG-Total	4.07	0.134			
CBL	< LOQ	0.0717			
CBL-A	< LOQ	0.0717			
CBL-Total	< LOQ	0.135			
CBN	19.8	0.0717			
CBT	1.57	0.0717			
Δ10-THC-9R	< LOQ	0.0717			
Δ8-THC	< LOQ	0.0717			
Δ8-THCV	< LOQ	0.0717			
Δ9-THC	0.101	0.0717			
exo-THC	< LOQ	0.0717			
THC-A	0.239	0.0717			
THC-Total	0.311	0.135			
THCV	< LOQ	0.0717			
THCV-A	< LOQ	0.0717			
THCV-Total	< LOQ	0.134			
Total Cannabinoids	81.9				





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#### 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 =  $\mu$ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





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

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

300 and 20 miles 1.5, 2, 20 miles						A	nailys	s Req	uesto	¢					0 Number:	
Company: The Hemp Collect Contact: Kyle @thehempcol Street: 431 NW Handers st. Ony: Portland State: Groppox (IHC Phr.   61   608164   Fx Results: sting   Fafferent  Joel @thehem	UF 2p	97209	CR59 compasseds	Multi-Residue - 179 compounds		abad Solvents	chure & Water Activity	- 60	Reno: Yasat and Model	Mignet E. Claik and Total Celiforns	riele	us su		Project Pro Cautom I Report to	t Number	CTRC or CT Other: Sections Day Standard Terroround Sections Day Rush Terroround* Dustries Day Rush Terroround* Discipling April 1988
Lab  Clean Sareple Identification  1 01LIRVAP200_SP	Date	Tree	Pestidies	Perticide	Potenty	heribad	Moloture	Joppines	Memorya	MENSE	Beary Metals	Mycobadns	Others	Sample Type †	Weight (Units)	Comments/Metrc (0
2 O1LIRVAP200 PB				$\vdash$	×	$\vdash$						-		Č.		
3 0107LIRVAP200 Liama	_			+	×	$\vdash$			-			-		C		
4 0107LIRVAP200 OGK					x	$\vdash$								c		
5 01020506LIFIVAP200_	TG	-		$\vdash$	x	$\vdash$								C		
6 01020506LIRVAP200_	FV				×									C		
7 01LIR209_GJ				×	x	×	$\vdash$		х		X	×		C		
8 01LIR209_SG				x	x	×			х		х	x		C		
9 01LIR209_Llama				×	×	×			Х		х	x		C		
10 01LIR209_TG				×	×	X					×			C	7	
Heinquished Dy:	Crate	Time		12	2	locativisc	By:			Di	dic	-19	10			Lab Use Only:
Kyle Farook	1/17	11:00 /		6		5				-	-	11/1	_	Evidence	of cooling: CIV	or □ Chart drop res   □ Bia - Temp (*C): 20, €
73-	1.17	/338		Q.	35	_				olt	D.	14/	4		D Check   Do	rc   Yes    Mo

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

Employ whether Colable Library in the company representation of growing in decrease and the control control of the COC. In Special Religionship for an agreeing in decrease 12423 MT effects (Fig. 254-1794 ) Fig. (500) 254-2792 Property of the control control of the COC. In Special Religionship for the control control of the COC. In Special Religionship for the control control control of the COC. In Special Religionship for the control control





**Report Number:** 23-000691/D008.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** Batch ID: 230 Spike Units 0.100 % 0.106 % Result Limits Evaluation Analyte LCS CBDVA CBDV Acceptable Acceptable 0.103 103 80.0 120 0.110 103 80.0 120 0.107 102 80.0 120 CBDA 0.0962 0.096 100.0 101 90.0 Acceptable Acceptable % % CBGA CBG 0.096 102 99.2 103 120 110 120 0.100 0.0966 0.099 80.0 90.0 Acceptable CBD % 0.097 Acceptable Acceptable 0.109 80.0 Acceptable Acceptable 0.103 THCVA 0.102 103 80.0 120 0.102 120 Acceptable 120 Acceptable 120 Acceptable 110 Acceptable CBN 0.103 % 0.101 104 80.0 0.108 0.100 Acceptable Acceptable d8THC 0.101 0.111 0.0480 100 90.0 110 CBL 80.0 d10THC 0.047 % Acceptable 0.104 120 Acceptable 0.105 101 80.0 THCA 0.095 % Acceptable 101 90.0 0.0960 110 120 Acceptable 0.104 101 80.0 CBLA Acceptable Acceptable 0.105

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBDV	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBE	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBDA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBGA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBG	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBD	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
THCV	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
d8THCV	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
THCVA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBN	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
exo-THC	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
d9THC	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
d8THC	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBL	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
d10THC	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBC	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
THCA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBCA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBLA	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	
CBT	<loq< td=""><td>0.077</td><td>%</td><td>&lt; 0.077</td><td>Acceptable</td><td></td></loq<>	0.077	%	< 0.077	Acceptable	

ND - None Detected at or above MRL

RPD - Relative Percent Difference LOQ - Limit of Quantitation

Units of Measure:

% - Percent





23-000691/D008.R000 **Report Number:** 

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

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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						tch ID: 2300604		
Sample Duplicate					Sam	ple ID: <b>22-004270</b>	-0004	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBDV	0.485	0.485	0.077	%	0.0286	< 20	Acceptable	
CBE	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBG	0.188	0.188	0.077	%	0.345	< 20	Acceptable	
CBD	85.0	85.5	0.077	%	0.592	< 20	Acceptable	
THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBN	0.499	0.501	0.077	%	0.406	< 20	Acceptable	
exo-THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
d8THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBL	<loq< td=""><td>0.0772</td><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td>R2</td></loq<>	0.0772	0.077	%	NA	< 20	Acceptable	R2
d10THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBC	0.936	0.937	0.077	%	0.136	< 20	Acceptable	
THCA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable	
CBT	0.575	0.579	0.077	%	0.591	< 20	Acceptable	

Abbreviations

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

Units of Measure:





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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	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 ID SD230412-042 (720	70)	Matrix Concentrate (Inhalable Cannabis Good)
Tested for The Hemp Collect		
Sampled -	Received Apr 12, 2023	Reported Apr 24, 2023
Analyses executed CAN+, RES	i, MIBIG, MTO, PES, HME, FVI	

#### CAN+ - Cannabinoids Analysis

Analyzed Apr 24, 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
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	0.77	7.73
Cannabidiol (CBD)	0.001	0.16	49.16	491.56
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	2.29	22.93
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND
Cannabicyclol (CBL)	0.002	0.16	0.76	7.64
Cannabichromene (CBC)	0.002	0.16	5.71	57.09
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			ND	ND
Total CBD (CBDa * 0.877 + CBD )			49.16	491.56
Total CBG ( CBGa * 0.877 + CBG )			0.77	7.73
Total Cannabinoids			58.70	586.95

#### **HME - Heavy Metals Detection Analysis**

Analyzed Apr 14, 2023 | Instrument ICP/MSMS | Method SOP-005

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
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	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 Apr 17, 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
Asperaillus niger	ND	ND per 1 gram	Asperaillus terreus	ND	ND per 1 gram

#### MTO - Mycotoxin Testing Analysis

Analyzed Apr 14, 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

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
JULQL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Mon, 24 Apr 2023 14:10:27 -0700



### PES - Pesticides Screening Analysis

Analyzed Apr 14, 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 20, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOI ug/		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	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	ND	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	<loq< td=""><td></td></loq<>	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	ND		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 13, 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 3q	ND	> 1/4 of the total sample area covered by an imbedded foreign 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 Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Branden Starr

Brandon Starr, Lab Manager Mon, 24 Apr 2023 14:10:27 -0700







**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:

Analida	Decult (0/)			
Analyte	Result (%)		CBD-Total	60.9%
CBD-A	68.0	<ul><li>CBD-A</li></ul>	CBD-Total	00.9 /6
CBC-A	3.27	<ul><li>CBC-A</li></ul>	[	
THC-A	3.16	<ul><li>THC-A</li></ul>	THC-Total	3.56%
CBG-A	1.32	<ul><li>CBG-A</li></ul>		0.5070
CBD	1.23	• CBD	(Reported in pe	ercent of total sample)
Δ9-THC		<ul><li>Δ9-THC</li></ul>	(Hoportod III po	ordent of total dample)
Δ9-1 HC	0.785	<ul><li>CBDV-A</li></ul>		
CBDV-A	0.452	<ul><li>CBC</li></ul>		
CBC	0.334	• CBG		
CBG	0.163			

### **Residual Solvents:**

All analytes passing and less than LOQ.

## Pesticides:

 Limits (mg/kg)	e Result (mg/kg)		
es .	esidue Pesticide Profile < LOQ for all analyte	sticide	sidue Pesticide Profile < LOQ for all analytes

### 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



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) <sup>þ</sup>	Units %	Batch: 2300680	<b>Analyze:</b> 1/21/23	5:15:00 AM
Analyte	As Dry Received weight		lotes			CBD-A
CBC	0.334	0.0668				CBC-A      CBC-A
CBC-A	3.27	0.0668				THC-A
CBC-Total	3.20	0.125				O CBG-A
CBD	1.23	0.0668				<ul><li>CBD</li></ul>
CBD-A	68.0	0.668				<ul><li>Δ9-THC</li></ul>
CBD-Total	60.9	0.653				CBDV-A
CBDV	< LOQ	0.0668				• CBC
CBDV-A	0.452	0.0668				<ul><li>CBG</li></ul>
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					

Page 2 of 12





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

**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) <sup>þ</sup>	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	2300531	01/21/23 AOAC 2014.05 (RAPID) <sup>p</sup>	

Solvents	Method:	Residua	I Solve	ents by	GC/MS <sup>þ</sup>	Units µg/g Batch 2	2300722	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	) <sup>þ</sup> <b>Units</b> 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.) <sup>p</sup>	pass
Cadmium	< LOQ	0.200	mg/kg	0.0844	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Lead	< LOQ	0.500	mg/kg	0.0844	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Mercury	< LOQ	0.100	mg/kg	0.0422	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	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 N	lotes
Aflatoxin B2¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>		
Aflatoxin B1¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>		
Aflatoxin G1¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>		
Aflatoxin G2¥	< LOQ		μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>		
Ochratoxin A¥	< LOQ	20.0	μg/kg	5.00	2300576	01/19/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>	pass	
Total Aflatoxins <sup>¥</sup>	0.000	20.0	μg/kg	20.0		01/24/23 AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>	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 =  $\mu$ 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

300 and 200 miles at 2,000 miles						A	nailys	s Req	uesto	¢					0 flumber	
Company: The Hemp Collect Contact: Kyle @thehempcol Street: 431 NW Handers st. Ony: Portland State: Groppox (IHC Phr.   61   608164   Fx Results: sting   Fafferent  Joel @thehem	UF 2p	97209	CR59 compasseds	Multi-Residue - 179 compounds		abad Solvents	chure & Water Activity	- 60	Reno: Yasat and Model	Mignet E. Claik and Total Celiforns	riele	us su				CTRC or CT Other: Sections Day Standard Terreround Sections Day Right Terreround* Oppings Day Right Terreround*
Lab  Clean Sareple Identification  1 01LIRVAP200_SP	Date	Tree	Pestidies	Perticide	Potenty	heribad	Moloture	Joppines	Memorya	MENSE	Beary Metals	Mycobadns	Others	Sample Type †	Weight (Units)	Comments/Metrc (0
2 O1LIRVAP200 PB				$\vdash$	×	$\vdash$						-		Č.		
3 0107LIRVAP200 Liama	_			+	×	$\vdash$			-			-		C		
4 0107LIRVAP200 OGK					x	$\vdash$								c		
5 01020506LIFIVAP200_	TG	-		$\vdash$	x	$\vdash$								C		
6 01020506LIRVAP200_	FV				×									C		
7 01LIR209_GJ				×	x	×	$\vdash$		х		X	×		C		
8 01LIR209_SG				x	x	×			х		х	x		C		
9 01LIR209_Llama				×	×	×			Х		х	x		C		
10 01LIR209_TG				×	×	X					×			C	7	
Heinquished Dy:	Crate	Time		12	2	locativisc	By:			Di	dic	-19	10			Lab Use Only:
Kyle Farook	1/17	11:00 /		6		5				-	-	11/1	_	Evidence	of cooling: CIV	or □ Chart drop res   □ Bia - Temp (*C): 20, €
73-	1.17	/338		Q.	35	_				olt	(C)	14/	4	Simple in good condition: ① Yes   ① No		

1 - Sample Type Codes: Vogotation (V); Indates (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 seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the seemed to the COC. In Open, "Estimated by "you are agreement to the community of the community of





**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** Batch ID: 2300680 LCS Result Units Evaluation Analyte CBDVA 0.100 0.106 % % Acceptable Acceptable 104 104 103 80.0 120 120 120 0.104 CBDV 0.110 80.0 80.0 CBE Acceptable 0.0968 90.0 80.0 CRGA 0.096 % Accentable. 120 101 CBG 0.099 % Acceptable 0.100 80.0 CBD 0.097 Acceptable Acceptable 0.109 102 80.0 0.108 Acceptable Acceptable d8THCV 0.103 105 103 THCVA 80.0 CBN exo-THC 0.102 0.097 % 80.0 120 120 Acceptable Acceptable 0.104 102 0.101 104 0.112 90.0 110 110 0.105 Acceptable 0.100 0.104 Acceptable CBL 9S-HHC 0.108 0.0995 104 99.5 80.0 80.0 120 120 0.100 % Acceptable d10THC Acceptable 0.0471 CBC 0.107 0.104 % 80.0 Acceptable 0.100 120 110 120 Acceptable Acceptable 9R-HF THCA 0.0889 % 88.9 80.0 CBCA Acceptable 80.0 0.106 0.108 % Acceptable Acceptable CBLA 0.105 104 80.0 d8THC0 0.100 104 80.0 120 0.109 0.110 104 110 Acceptable d9THCO Method Blank 0.100 Acceptable

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBDV	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBE	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBDA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBGA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBG	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBD	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCV	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THCV	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCVA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBN	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 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>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d9THC	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THC	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBL	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 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>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d10THC	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBC	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 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>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
THCA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBCA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBLA	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d8THCO	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
CBT	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 0.0077</td><td>Acceptable</td><td></td></loq<>	0.0077	%	< 0.0077	Acceptable	
d9THCO	<loq< td=""><td>0.0077</td><td>%</td><td>&lt; 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





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

**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			Batch ID: 2300680									
Sample Duplicate					San	nple 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 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>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable					

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:





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

**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						Laboratory Control Sample						
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	<b></b>
MTBE 3-Methylpentane	ND ND	<	500 30		1520 125	1650 167	μg/g	92.1 74.9	60	Ŀ	130 120	<b>.</b>
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:		
Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Isobutane	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 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	500 μg/g	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	
Anisole	ND	ND	500 μg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500 μg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50 μg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500 μg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150 μg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150 μg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND ND	50 μg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND ND	50 μg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND ND	1 μg/g	0.0	< 20	Acceptable	
Chloroform	ND ND	ND ND	1 μg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND ND	1 μg/g	0.0	< 20	Acceptable	
1,1-Dichloroethane	ND	ND ND		0.0	< 20	Acceptable	
1,1-Diciliordeniane	NU	ND	1 μg/g	0.0	\ 2U	Mcceptable	<u> </u>

#### 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.





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

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

**Purchase Order:** 

Received: 01/17/23 14:16







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

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

**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.