



Report Number:	23-000691/D010.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Customer:	IHC LLC
Product identity:	01LIRVAP200_SP
Client/Metrc ID:	
Laboratory ID:	23-000691-0001

-

Summary

Analyte	Result (%)	CBD     THC-A		
CBD	30.6	• CBC • CBG-A	CBD-Total	39.0%
CBC	21.5	CBD-A		
CBD-A	9.59	CBG	THC-Total	0.414%
CBG	8.65	CBDV		
CBDV	2.40	<ul><li>CBT</li><li>CBE</li></ul>	(Reported in pe	rcent of total sample)
CBT	1.61	CBL     CBN		
CBE	1.26	• CBC-A		
CBN	1.04	<ul> <li>Δ9-THC</li> </ul>		
CBC-A	0.276	THCV		
∆9-THC	0.257			
THCV	0.228			
THC-A	0.179			
CBG-A	0.177			



IHC LLC

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No

20 °C

ramos

825 NW 16th Ave Portland Oregon 97209

01LIRVAP200\_SP

23-000691-0001

United States of America (USA)

Customer:

**Product identity:** 

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

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



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# **Sample Results**

Potency	Method: J AOAC 201	5 V98-6 (mod) <sup>p</sup>	Jnits % Batch: 2	300604 Analyze: 1/19/	23 1:01:00 AM
Analyte	As Dry	LOQ Notes			
	Received weigh				CBD     THCV
CBC	21.5	0.0765			CBC     THC-A
CBC-A	0.276	0.0765			CBD-A CBG-A
CBC-Total	21.7	0.144			<ul> <li>CBQ</li> <li>CBDV</li> </ul>
CBD	30.6	0.765			CBT
CBD-A	9.59	0.0765			CBE
CBD-Total	39.0	0.832			CBN
CBDV	2.40	0.0765			CBC-A
CBDV-A	< LOQ	0.0765			Δ9-THC
CBDV-Total	2.40	0.143			
CBE	1.26	0.0765			
CBG	8.65	0.0765			
CBG-A	0.177	0.0765			
CBG-Total	8.81	0.143			
CBL	< LOQ	0.0765			
CBL-A	< LOQ	0.0765			
CBL-Total	< LOQ	0.144			
CBN	1.04	0.0765			
CBT	1.61	0.0765			
Δ10-THC-9R	< LOQ	0.0765			
∆8-THC	< LOQ	0.0765			
∆8-THCV	< LOQ	0.0765			
∆9-THC	0.257	0.0765			
exo-THC	< LOQ	0.0765			
THC-A	0.179	0.0765			
THC-Total	0.414	0.144			
THCV	0.228	0.0765			
THCV-A	< LOQ	0.0765			
THCV-Total	0.228	0.143			
Total Cannabinoids	77.8				

www.columbialaboratories.com
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless

prior arrangements have been made. Testing in accordance with: OAR 333-007-0430





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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.

<sup>b</sup> = 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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CA	Columbia
9	

# Hemp / Cannabis Usable / Extract / Finished Products

**Chain of Custody Record** Revision: 4.00 Control#: CP029 Rev 02/24/2021 Eff: 03/04/2021. CRELAP C: CREDODDS

					A	naliys	s Req	ueste	¢					Busher		
Contant: Contan		97209	- OR 59 compareds	Multi-Jeadus - 179 compounds		ntihad Soleenta	& Water Activity	1	Read Yaset and Mark	Acres E.Coli and Total Coliform	Metala	48		Projec Pro Cuitors I Report to	t Number: en Name: laporting: state - D ME sol tioner 10 50 D 10 D 20 T	Thic or D Others last anto Day Standard Turnaround last new Day Rush Turnaround* Animsta Day Rush Turnaround* Animsta Day Rush Turnaround*
Clean Sample Identification	Date	Tree	Pestidies	Perinde	Ponenty	herithad.	Molichure	Yenpones	MICCOL TH	Michael E.	Please M	Mycobodins	Differi	Sample Type *	Weight (Units)	Econometrica/Wester 70
2 OTLIRVAP200 PB			-		x	-		-	-	_	-		-	č		
3 0107LIRVAP200 Lame	_	-	-	-	x	+		-	-		-	-	-	c	_	
4 0107LIRVAP200_OGK			-		x	+		-	-				-	c		
5 01020506LIRVAP200	TG	-	-	H	x	+		-	-	-	-		-	C		
5 01020506LIRVAP200			-	H	x	+		-	-	-			-	C		
7 01LIR209 GJ		-	-	x	x	x		-	x		x	×		C		
8 01LIA209 SG		-		x	x	x		-	x		х	x	-	C		
9 01LIR209_Llama		-		x	×	x			х	-	х	x	-	С		
10 01LIR209_TG		-		x	x	x			1		x			C	1	
Heimpleheid Dy:	Date	Time		1	2	locatived	θy:			De	dai:	T	10		1000	Lab Use Only:
Kyle Farook	1/17	11:00 /		0	F	5				1-17	.15	111	0			or D Chart drop
33-	1.17	/ 338	_	ę.	35			_		olt		(4)	-	Evidence of costing: D Yes   D Re - Temp PC; Simple in good condition: D Yes   D No      D Cash   D Check   D CC   D Net:      Preing Morage:		r: 🗇 Yes) 🗆 Mo

1 - Sample Type Ender: Vagetation (V) ; Isolates (S) ; Estract/Cencentrate (C) ; Texture/Tepical (T) ; Edible (E) ; Reverage (U) Resplice administrative Collander Laboratories with terming requirements contribute on operwho senses was solvers with the exercit some of annex consisted with the COC. In Agoing "Relaysithed by "you are approve in their sense

12423 NE Whiteler Way Portland, OR 87288

P: (503) 254-1794 | Parc (503) 254-2492 (mission) and a second se

Page\_\_\_\_\_ef\_\_\_\_





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ORELAP#:	OR100028
Purchase Order:	
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Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

JAOAC 2015 V98-6				Batch ID: 2300604										
Laboratory Control	Sample													
Analyte	LCS	Result	Spike	Units	% Rec	Limits	\$	Evaluation	Notes					
CBDVA	2	0.103	0.100	%	103	80.0 -	120	Acceptable						
CBDV	2	0.110	0.106	%	103	80.0 -	120	Acceptable						
CBE	2	0.107	0.105	%	102	80.0 -	120	Acceptable						
CBDA	1	0.0962	0.096	%	100.0	90.0 -	110	Acceptable						
CBGA	1	0.0969	0.096	%	101	80.0 -	120	Acceptable						
CBG	1	0.100	0.099	%	102	80.0 -	120	Acceptable						
CBD	1	0.0966	0.097	%	99.2	90.0 -	110	Acceptable						
THCV	2	0.109	0.106	%	103	80.0 -	120	Acceptable						
d8THCV	2	0.108	0.103	%	104	80.0 -	120	Acceptable						
THCVA	2	0.102	0.099	%	103	80.0 -	120	Acceptable						
CBN	1	0.103	0.102	%	101	80.0 -	120	Acceptable						
exo-THC	2	0.101	0.097	%	104	80.0 -	120	Acceptable						
19THC	1	0.108	0.105	%	103	90.0 -	110	Acceptable						
d8THC	1	0.101	0.100	%	100	90.0 -	110	Acceptable						
CBL	2	0.111	0.104	%	107	80.0 -	120	Acceptable						
d10THC	1	0.0480	0.047	%	102	80.0 -	120	Acceptable						
CBC	2	0.105	0.104	%	101	80.0 -	120	Acceptable						
THCA	1	0.0960	0.095	%	101	90.0 -	110	Acceptable						
CBCA	2	0.104	0.103	%	101	80.0 -	120	Acceptable						
CBLA	2	0.109	0.105	%	104	80.0 -	120	Acceptable						
CBT	2	0.400	0.105	%										
	2	0.109	0.105	/0	103	80.0 -	120	Acceptable						
	1			78										
Method Blank Analyte	Re	esult	LOQ	70	Units	Limits	6	Evaluation	Notes					
Analyte CBDVA		esult	LOQ 0.077	76	Units %	Limits < 0.077	8	Evaluation Acceptable	Notes					
Analyte CBDVA CBDV	<b>Re</b> ् ा ् ा	esult .0Q .0Q	LOQ 0.077 0.077	70	Units %	Limits < 0.077 < 0.077	3	Evaluation Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE	<b>Re</b> <। <। <।	esult .0Q .0Q .0Q	LOQ 0.077 0.077 0.077	78	Units % % %	Limits < 0.077 < 0.077 < 0.077	3	Evaluation Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA	<b>Re</b> <। <। <। <।	esult .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077	78	Units % % % %	Limits < 0.077 < 0.077 < 0.077 < 0.077	\$	Evaluation Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA	<b>Re</b> <1 <1 <1 <1 <1 <1 <1	esult .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077	78	Units % % % % %	Limits < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077	3	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBG	<b>Re</b> <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	esult 000 000 000 000 000 000	LOQ 0.077 0.077 0.077 0.077 0.077 0.077	78	Units % % % % %	Limits < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077	\$ 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBGA CBG CBG	<b>Re</b> <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ssult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077	78	Units % % % % % %	Limits < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077	\$ 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBD CBDA CBDA CBGA CBG CBG CBD THCV	<b>Ре</b>	esult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077	78	Units % % % % % % %	Limits < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077 < 0.077	3 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBG CBG CBD THCV THCV d8THCV	<b>Re</b> <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ssult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % %	Limits < 0.077 < 0.077	3	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBDV CBC CBDA CBGA CBG CBD THCV d8THCV THCVA	<b>ि</b> द द द द द द द द द द द	sult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % %	Limits < 0.077 < 0.077	\$ 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBDA CBDA CBGA CBG CBD THCV d8THCV THCVA CBN	<b>Re</b> ् द ् द द द द द द द द द द द द द द द द द	ssult	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % %	Limits < 0.077 < 0.	\$ 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBG CBG CBG CBG CBG CBG CBG CBG CBG CBG	<b>मि</b> द द द द द द द द द द द द द द द द द द द	sult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LQQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % %	Limits < 0.077 < 0.	3	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBG CBD THCV dBTHCV THCVA dBTHCV THCVA CBN exo-THC d9THC	<b>ि कि</b> दि दि द द द द द द द द द द द द द द द द	sult .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % % % %	Limits < 0.077 < 0.	3	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBDA CBDA CBDA THCV MCVA CBN EN EN EN EN EN EN EN EN EN EN EN EN EN	<b>Р</b> द द द द द द द द द द द द द द द द द द द	ssult o.Q .0Q .0Q .0Q .0Q .0Q .0Q .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % % %	Limits < 0.077 < 0.	3 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte CBDVA CBDV CBE CBDA CBGA CBGA CBGA CBG THCV 48THCV THCVA CBN EBN EXO-THC 49THC 49THC 49THC CBL	<b>R</b> द द द द द द द द द द द द द द द द द द द	solt solt	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % % % % %	Limits < 0.077 < 0.	3 	Evaluation Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable	Notes					
Analyte           CBDVA           CBDV           CBDA           CBDA           CBDA           CBGA           CBG           CBD           ThCV           B8THCV           THCVA           CBN           exo-THC           49THC           d8THC           CBL           d10THC	<b>Pet</b> व द द द द द द द द द द द द द द द द द द द	sult solt 00 00 00 00 00 00 00 00 00 0	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % % % % % % % %	Limits < 0.077 < 0.		Evaluation Acceptable	Notes					
Analyte           CBDVA           CBDV           CBD           CBDA           CBGA           CBGA           CBD           THCV           d8THC           CB           d10THC           CBC	<b>ि ह</b> द द द द द द द द द द द द द द द द द द द	solut so	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units % % % % % % % % % % % % % % % % % % %	Limits < 0.077 < 0.		Evaluation Acceptable	Notes					
Analyte           CBDVA           CBDV           CBDA           CBDA           CBGA           CBG           CBD           THCV           d8THCV           THCVA           CBN           exo-THC           d9THC           d8THC           CBL           d10THC           CBC           THCA	<b>मि</b> स व व व व व व व व व व व व व व व व व व व	solt           .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units           % <td>Limits &lt; 0.077 &lt; 0.077</td> <td></td> <td>Evaluation Acceptable</td> <td>Notes</td>	Limits < 0.077 < 0.077		Evaluation Acceptable	Notes					
Analyte           CBDVA           CBDV           CBD           CBDA           CBDA           CBGA           CBD           THCV           THCV           B8THCV           CBN           exo-THC           d9THC           d8THC           CBL           d0THC           d8THC           CBL           d0THC           CBC           THCA           CBCA	<b>Pe</b>	solut so	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	Limits < 0.077 < 0.		Evaluation Acceptable	Notes					
Analyte CBDVA CBDV CBE	<b>मि</b> ह व व व व व व व व व व व व व व व व व व व	solt           .0Q	LOQ 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077 0.077		Units           % <td>Limits &lt; 0.077 &lt; 0.077</td> <td></td> <td>Evaluation Acceptable</td> <td>Notes</td>	Limits < 0.077 < 0.077		Evaluation Acceptable	Notes					

Laboratory Quality Control Results

ND - None Detected at or above MRL

RPD - Relative Percent Difference LOQ - Limit of Quantitation

Units of Measure: % - Percent





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

JAOAC 2015 V98-6					Bat	ch ID: 2300604								
Sample Duplicate	Sample ID: 22-004270-0004													
Analyte	Result	Org. Result	LOQ	Units	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							
18THCV	<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							

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

Units of Measure:





Report Number:	23-000691/D010.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16







**Report Number:** 23-000691/D010.R000 **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.





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Report Date:	01/24/2023
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Purchase Order:	
Received:	01/17/23 14:16

\_ \_ \_ \_ \_ \_ \_ \_ \_

Customer:	IHC LLC
Product identity:	01LIR209_SP
Client/Metrc ID:	
Laboratory ID:	23-000690-0017

Analyte	Result (%)			
CBD-A	59.0	<ul><li>CBD-A</li><li>CBDV-A</li></ul>	CBD-Total	52.7%
CBDV-A	5.17	<ul> <li>CBDV-A</li> <li>CBC-A</li> </ul>		
CBC-A	2.83	• THC-A	THC-Total	2.35%
THC-A	2.39	• CBG-A		
CBG-A	1.97	CBD	(Reported in pe	rcent of total sample)
CBD	0.909	THCV-A		
THCV-A	0.667	<ul> <li>Δ9-THC</li> </ul>		
∆9-THC	0.252	• CBG		
CBG	0.175	• CBC		
CBC	0.0720			

### **Residual Solvents:**

### **Pesticides:**

alyte Result Limits Statu (mg/kg) (mg/kg)
ti-Residue Pesticide Profile < LOQ for all analytes

 \_ I \_ I 

### Metals:

\_ \_

Less than LOQ for all analytes.

I -- -



IHC LLC

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No

20 °C

ramos

825 NW 16th Ave Portland Oregon 97209

01LIR209\_SP

23-000690-0017

United States of America (USA)

**Customer:** 

**Product identity:** 

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

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



Report Number:	23-000690/D004.R000	
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# Sample Results

Potency	Method: J AOAC	2015 V98-6 (mod	l) <sup>p</sup> Units %	Batch: 2300599	Analyze: 1/19/23 8:47:00 AM
Analyte		Dry LOQ	Notes		
		veight			CBD-A
CBC	0.0720	0.0698			• CBDV-A
CBC-A	2.83	0.0698			CBC-A     THO A
CBC-Total	2.55	0.131			<ul> <li>THC-A</li> <li>CBG-A</li> </ul>
CBD	0.909	0.0698			CBD-A     CBD
CBD-A	59.0	0.698			THCV-A
CBD-Total	52.7	0.682			<ul> <li>Δ9-THC</li> </ul>
CBDV	< LOQ	0.0698			• CBG
CBDV-A	5.17	0.0698			• CBC
CBDV-Total	4.48	0.130			
CBE	< LOQ	0.0698			
CBG	0.175	0.0698			
CBG-A	1.97	0.0698			
CBG-Total	1.90	0.130			
CBL	< LOQ	0.0698			
CBL-A	< LOQ	0.0698			
CBL-Total	< LOQ	0.131			
CBN	< LOQ	0.0698			
CBT	< LOQ	0.0698			
Δ10-THC-9R	< LOQ	0.0698			
∆8-THC	< LOQ	0.0698			
∆8-THCV	< LOQ	0.0698			
∆9-THC	0.252	0.0698			
exo-THC	< LOQ	0.0698			
THC-A	2.39	0.0698			
THC-Total	2.35	0.131			
THCV	< LOQ	0.0698			
THCV-A	0.667	0.0698			
THCV-Total	0.586	0.130			
Total Cannabinoids	73.4				

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Received:	01/17/23 14:16	

Solvents	Method:	Residua	I Solve	ents by	GC/MS <sup>p</sup>	Units µg/g Batch	2300691	Analyz	<b>ze</b> 01/2	23/23 (	03:03 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)	931	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	931		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 Ethy benzene	< LOQ	2170	600	pass	

 Pesticides
 Method: AOAC 2007.01 & EN 15662 (mod)<sup>b</sup>
 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	0.0751	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>p</sup>	pass
Cadmium	< LOQ	0.200	mg/kg	0.0751	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Lead	< LOQ	0.500	mg/kg	0.0751	2300724	01/23/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Mercury	< LOQ	0.100	mg/kg	0.0376	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass

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 01/24/2023

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 OR100028

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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.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.

### Units of Measure

μg/g = Microgram per gram mg/kg = Milligram per kilogram = parts per million (ppm) % = Percentage of sample % wt = μg/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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LOQ

(mg/kg)

0.1

0.1

0.1

0.1

0.1

0.1

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0.1

6	Columbia
-7	LADDRATORIES
-	Consistent of reaction by

Analyte	LOQ (mg/kg)
2,4-D	0.1
Abamectin	0.1
Acephate	0.2
Acequinocyl	0.2
Acetamiprid	0.1
Acetochlor	0.2
Acrinathrin	0.1
Alachlor	0.1
Aldicarb	0.1
Aldoxycarb	0.1
Aldrin	0.1
Ametoctradin	0.1
Ametryn	0.1
Anilazine	0.1
Aspon	0.1
Asulam	0.1
Atrazine	0.1
Atrazine-desethyl	0.1
Azinphos-ethyl	0.1
Azinphos-methyl	0.1
Azoxystrobin	0.1
Benalaxyl	0.1
Bendiocarb	0.1
Benoxacor	0.1
Bensulide	0.1
Bentazon	0.1
Bifenazate	0.1
Bifenox	0.1
Bifenthrin	0.1
Binapacryl	0.1
Boscalid	0.1
Bromacil	0.1
Bromophos-ethyl	0.1
Bromopropylate	0.1
Bromoxynil	0.1
Bupirimate	0.1
Buprofezin	0.1
Butachlor	0.1
Butylate	0.1
Cadusafos	0.1
Captan	0.2
Carbaryl	0.1
Carbendazim	0.1
Carbofuran	0.1
Carbofuran 3-hydroxy	0.1
Carbophenothion	0.1
Carbophenothion-methyl	0.1
Carboxin	0.1

### P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)	Analyte
Chlorantraniliprol	0.1	Dieldrin
Chlordane, cis-	0.1	Diethofencarb
Chlordane, trans-	0.1	Difenoconazol
Chlorfenapyr	0.1	Diflubenzuron
Chlorfenvinphos	0.1	Diflufenzopyr
Chlorobenzilate	0.1	Dimethenamid
Chlorpyrifos-ethyl	0.1	Dimethoat
Chlorpyrifos-methyl	0.1	Dimethomorph
Chlorthal-dimethyl (Dacthal)	0.1	Dinoseb
Clethodim	0.1	Dinotefuran
Clethodim sulfone	0.1	Dioxathion
Clethodim sulfoxide	0.1	Diphenamid
Clofentezine	0.1	Diphenylamine (DPA)
Clomazone	0.1	Disulfoton
Clopyralid	0.1	Disulfoton-sulfone
Clothianidin	0.1	Disulfoton-Sulfoxide
Coumaphos	0.1	Diuron
Crotoxyphos	0.1	DNOC
Cyanofenphos	0.1	Edifenphos
Cyanophos	0.1	Endosulfan (alpha isomer)
Cyantraniliprole	0.1	Endosulfan (beta isomer)
Cyazofamid	0.1	Endosulfan-sulfate
Cyfluthrin	0.1	Endrin
Cyhalothrin, lambda	0.1	EPN
Cymoxanil	0.1	EPTC
Cypermethrin	0.1	Esfenvalerate/Fenvalerate
Cyprodinil	0.1	Ethiofencarb
DDD, o,p'-	0.1	Ethion
DDD, p,p'-	0.1	Ethofumesate
DDE, o,p'-	0.1	Ethoprophos
DDE, p,p'-	0.1	Etofenprox
DDT, o,p'-	0.1	Etoxazole
DDT, p,p'-	0.1	Etrimfos
DEET	0.1	Famoxadone
Deltamethrin	0.1	Famphur
Demeton-S	0.1	Fenamiphos
Demeton-s-methyl	0.1	Fenamiphos-Sulfone
Demeton-S-methyl-sulfone	0.1	Fenamiphos-Sulfoxide
Desmedipham	0.1	Fenazaquin
Diazinon	0.1	Fenbuconazole
Dicamba	0.1	Fenhexamid
Dichlofenthion	0.1	Fenobucarb
Dichlofluanid	-	
Dichlorbenzamid	0.1	Fenoxycarb Fenpropathrin
Dichlorvos	0.1	Fensulfothion
Diclofop	0.1	Fenthion
Diclofop-methyl	0.1	Fenuron
Dicrotophos	0.1	Fipronil

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)

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Report Date:	01/24/2023
ORELAP#:	OR100028
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Received:	01/17/23 14:16

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### P2320 Multi-Residue Pesticide Profile Cannabis

Flonicamid Fluazifop Fluazifop Fluazinam Flucythrinate Fludixonil Flufenacet Flumioxazin Fluopicolide Fluopyram Fluopxatfurone Fluopyradifurone	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Fluazinam       Flucythrinate       Fludioxonil       Fludienacet       Flumioxazin       Fluopicolide       Fluopyram       Fluoxastrobin       Fluoyadifurone	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Flucythrinate Flucioxonil Flucienacet Flumioxazin Fluopicolide Fluopyram Fluoxastrobin Flupyradifurone	0.1 0.1 0.1 0.1 0.1 0.1 0.1
Fludioxonil       Fludioxazin       Flumioxazin       Fluopicolide       Fluopyram       Fluoxastrobin       Fluoyadifurone	0.1 0.1 0.1 0.1 0.1 0.1
Flufenacet       Flumioxazin       Fluopicolide       Fluopyram       Fluoxastrobin       Flupyradifurone	0.1 0.1 0.1 0.1 0.1
Flumioxazin Fluopicolide Fluopyram Fluoxastrobin Fluoyyradifurone Fluoyyradifurone	0.1 0.1 0.1 0.1
Fluopicolide Fluopyram Fluoxastrobin Fluoyradifurone Fluoyradifurone	0.1 0.1 0.1
Fluopyram Fluoxastrobin Fluoyradifurone	0.1 0.1
Fluopyram Fluoxastrobin Fluoyradifurone	0.1 0.1
Fluoxastrobin Flupyradifurone	
	0.1
Fluridone	0.1
Fluroxypyr	0.1
Fluthiacet-methyl	0.1
Flutolanil	0.1
Flutriafol	0.1
Fluvalinate	0.1
Fluxapyroxad	0.1
Fomesafen	0.1
Formetanate	0.1
Furathiocarb	0.1
Haloxyfop	0.1
Heptachlor	0.1
Heptachlor epoxide	0.1
Heptachiorepoxide	0.1
Hexazinone	0.1
Hexythiazox	0.1
Hydropene	0.1
Imazalil	0.1
Imazethapyr	
Imidacloprid	0.1
Indaziflam	0.1
Indoxacarb	0.1
Iprobenfos	0.1
Iprodion	0.1
Isobenzan	0.1
Isofenphos	0.1
Isofenphos-methyl	0.1
Isofenphos-oxon	0.1
Isoprocarb	0.1
Isoprothiolane	0.1
Isoproturon	0.1
Isoxaben	0.1
Kresoxim-methyl	0.1
Lindane	0.1
Linuron Malaoxon	0.1
Malaoxon Malathion	0.1

Analyte	LOQ (mg/kg)		
Mandipropamid	0.1		
MCPA	0.1		
MCPB	0.1		
MCPP	0.1		
Mecabarm	0.1		
Mepanipyrim	0.1		
Mesotrione	0.1		
Metalaxyl	0.1		
Methamidophos	0.1		
Methiocarb	0.1		
Methiocarb sulfone	0.1		
Methiocarb sulfoxide	0.1		
Methomyl	0.1		
Methoxyfenozide	0.1		
Metolachlor	0.1		
Metolcarb	0.1		
Metrafenone	0.1		
Mevinphos	0.1		
MGK 264	0.1		
Molinat	0.1		
Monocrotophos	0.1		
Monolinuron	0.1		
Myclobutanil	0.1		
Naled	0.1		
Napropamide	0.1		
Neburon	0.1		
Norflurazon	0.1		
Novaluron	0.1		
Omethoat	0.1		
Oryzalin	0.1		
Oxadiazon	0.1		
Oxadixyl	0.1		
Oxamyl	0.1		
Oxamyl-oxime	0.1		
Oxychlordane	0.1		
Oxydemeton-Methyl	0.1		
Oxyfluorfen	0.1		
Paclobutrazol	0.1		
Paraoxon-ethyl	0.1		
Paraoxon-methyl	0.1		
Parathion-methyl	0.1		
Penconazole	0.1		
Pendimethalin	0.1		
Penflufen	0.1		
Penthiopyrad	0.1		
Permethrin	0.1		
Perthane	0.1		
Phenmedipham	0.1		

Analyte	LOQ (mg/kg)
Phenothrin	0.1
Phenthoate	0.1
Phorate	0.1
Phorate-Sulfone	0.1
Phorate-Sulfoxide	0.1
Phosalone	0.1
Phosmet	0.1
Phosphamidon	0.1
Phoxim	0.1
Pinoxaden	0.1
Piperonyl Butoxide	0.1
Pirimicarb	0.1
Pirimiphos-ethyl	0.1
Pirimiphos-methyl	0.1
Prallethrin	0.1
Prochloraz	0.1
Procymidone	0.1
Profenofos	0.1
Promecarb	0.1
Prometon	0.1
Prometryn	0.1
Propachlor	0.1
Propamocarb	0.1
Propanil	0.1
Propazine	0.1
Propetamophos	0.1
Propham	0.1
Propiconazole	0.1
Propoxur	0.1
Propyzamide	0.1
Prothiofos	0.1
Pyraclostrobin	0.1
Pyraflufen Ethyl	0.1
Pyrazophos	0.1
Pyrethrin	0.1
Pyridaben	0.1
Pyrimethanil	0.1
Pyriproxifen	0.1
Pyroxasulfone	0.1
Pyroxsulam	0.1
Quinalphos	0.1
Quinclorac	0.1
Quinoxyfen	0.1
Quintozene(PCNB)	0.2
Quizalofop	0.1
Resmethrin	0.1
Rotenone	0.1

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Tester except on the tester of the samples are consented of this laboratory.





Report Number:	23-000690/D004.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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P2320 Multi-Residue Pesticide Profile
Cannabis

Analyte	LOQ (mg/kg)
Sebuthylazin	0.1
Sethoxydim	0.1
Simazine	0.1
Simetryn	0.1
Spinetoram J/L	0.1
Spinosyn A/D	0.1
Spirodiclofen	0.1
Spiromesifen	0.1
Spirotetramat	0.1
Spiroxamine	0.1
Sulfentrazone	0.1
Sulfotep	0.1
Sulfoxaflor	0.1
Sulprofos	0.1
Tebuconazole	0.1
Tebufenozide	0.1
Terbufos	0.1
Terbuthylazine	0.1
Terbutryn	0.1
Tetrachlorvinphos	0.1
Tetraconazole	0.1
Tetramethrin	0.1
Thiabendazol	0.1
Thiabendazol-5-hydroxy	0.1
Thiacloprid	0.1
Thiamethoxam	0.1
Thiobencarb	0.1
Thiodicarb	0.1
Thiometon	0.1
Thiophanate-methyl	0.2
Tolfenpyrad	0.1
Tolylfluanid	0.1
Triadimefon	0.1
Triadimenol	0.1
Triazophos	0.1
Trifloxystrobin	0.1
Triflumizole	0.1
Triticonazole	0.1
Zoxamid	0.1

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

Updated: 09.12.2022

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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





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olumbia ABORATORIES s A Hermonia Company

### Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Controlit: OF025 Rev 00/24/2021 Eff: 03/04/2021 ORELAPID: OR10023

000000000000000000000000000000000000000						. 1	<b>Scalys</b>	is Rec	uerte	ed					O Namber:	
Company: The Hemp Collect Contact: Kylet@thehempoo Street: 431 NW Handers St City: Portland Issue B Enail Results: dropbox (IH Ph: (61) 608164 □ Fs Results Bling If dResett: (061@thehes	NIBOLCO L UF apr RC) E (	97209	s - OR 59 compounds	estade Multi-hesidue - 375 compounds		ridiui Soherts	obstann & Walden Activity		icroc Yeast and Meld	krec 6.00% and Total Dolifums	esels	E		Projec Pro Custom I Report 1	a Number spat Nerror teporting o State - [] Mil ed time: \$\vec{M} 5 [] 3 [] 2 2	ETRC or  Other: Business Day Standard Tumensand Business Day Rish Tumensand* Business Day Rish Tumensand* Check for evolubility
Lab 35 Clent Sample Identification	Care	Time	Peticides	1.6	Patiency		Moletture	Tuppered	Microch	Micros C.	Heavy Netals	Mysuitaens	Dther:	Sample Type 1	Weight (Units)	Comments/Webs ID
1 01LIR209_LB				×	x	×					×			C		
2 01LIR209_KC				×	X	x					x		1.	C		
3 01LIR209_FV			-	х	х	X					×			C		
4 01LIR209_WW				x	x	x					×			C	1	
5 01LIR209_SB	1			Х,	x	x					х			C		
8 01LIR209_BO	-			x	x	x					x	-		C	1	
7 01LIR209_LT	-	-		x	x	x	-	$\vdash$	-	-	x		-	C	1	
8 01LIR209 RC	-	-		x	x	x	-	-	-	-	x	-	-	C		
9 01LIR209_PJ		-	$\vdash$	x	x	x	-	-	-	-	x	-	-	C		
10 01LIR209_CJ	-	-		x	x	x				-	x			C		
Relinguished by:	Date	Tirse	3	12	2.	heartend	Dic.	-		p	Kie l	TP	na.			Lab Une Only:
Kyle Farook	the second se			2		12	-			14	2.13	11	0			or Different drop Not   D Row Terrop PCc: 2 + 3
132	1.17	1337			128	35				\$07	23	191	16	Sample is	pool conditio	e: 🛙 Yest 🗄 Na

+ - Sample Type Codes, Vegetation (V) ; isolates (S) ; Estimat/Concentrate (C) ; Testimes/Topical (T) ; Edible (E) ; Beverage (R)

whe was a sum down with the corrections of service associated with the COC. By April ("Adiopothed by" you are opticing to down service orgity interactive Calantics Automatics with timing requirements carations saving A: (NOR) 254-2794 7 Hox: (NOR) 252-3452

12422 W Whiteler Way Authority OM 87280

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Report Number:	23-000690/D004.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia ROPATORIES A Torologies Children of

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

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 05/04/2021

CRELAPID: OR100028

-							A	naiysi	is Reg	ueste	đ					0 Number:	
21 12 13 14	The Hemp Collect Contact: kyleis/thehempox 431 NW Flanders S Pretand Sealer Email Results: dropbox (IF c (61) 505154 [] Fx Result ing (f different) joel (Sthehem	Illect.co UF <sub>Ze</sub> : C)	97209	1-OIS9 composeds	table Multi Residue - 179 compounds		estitusi Solventa	Acidstate & Watter Authory		Acros: Yearst and Mode	Kou: E.Cohand Total Cellors	dah.			Projec Pro Cuttorn P Report to	n Number: lect Name: leporting: s State - [] ME nd time: 102 5 11 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
tab ID	Client Sample Identification 01LIR209 OGK	Dete	Tirrel	Pretioder	Preside	Potency	Kenthari	Moisture	Terpartes	Micros W	Mou: E	Meany Matahi	Mycotopin	Officer	Semple Type 1	Weight (Units)	Comments/Wetro ID
	01LIR209_Shaolin	<u> </u>		-	x	x	x		-	_	_	×		-	c		
	01LIR209_Japhy	-	-	-	x	x	x		-	_	_	x	-		c		
	01LIR209_PP			-	1x	x	x	-	-	-	-	x	-	-	c		
	01LIR209_MT	_	-		x	×	x		-	_	-	x		-	c		
51	01LIR209_M1	-		-	x	x	1x	-				x			č		
	01LIR209_SP	-	-	-	-	×	x		-	_	_	x	-		c		
2.11	01LIR209_Sour G		-		X	x	x	_	_			x			c		
	01LIR209_500 G	-			-				-	_	_	10. I	-		c		
					×	×	×			_		x	_		0		
10	01LIR209_RGSP				×	x	×	_		_	_	x			~		-
	Reliequal and Dy:	Case	Time	_	1	7.8	entered	₽¥:			-	et ar		ma:		-	Lais Use Only:
ĸy	Kyle Farook 1/17 11:00		11:00 #		2	2	-				1+1	1.15	11	L P			or ⊡ diene deop
	12	107	1335		D	3/2	6				011	1/13	IK)	4	Bidence of cooling: □ Ves   □ No - Temp (-C): 20.0 Sample is good constition: □ Ves   □ No     □ Cool:   □ Oest   □ CC   □ Net: Prolog storage:		e: Cl Simij Cl No

+ - Sample Type Codec: Vagetation (V) ; holatin (5) ; totract/Concentrate (C); Tincture/Topical (1); Edible (C); Beverage (8)

ender services to econdater with the current toward service associated with this COC. To signing: "Admonstracity" year or synologic data: termiamples a devoted to Columbus Laboratories with a range reparationers constrate on open 13423 Mi Whiteler Wee P. (503) 254-1784 | Jac. (503) 254-1452

Portland, Dilla/2288

info@eolurnikistakuralurler.com

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Report Number:	23-000690/D004.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

# olumbia BORATORIES A Texasian Company

## Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Control®: CF025 Key 02/24/2021 Eff: 03/04/2021 OREAPID: ONL00028

1121028265-111142242					1	. 1	ional yra	is Reig	aiethe	d				P	0 Number:		
Congany: The Hemp Collect Contact: Kyletethehempcoli Street: 431 NW Flanders st. Cky: Portland State: C Benail Results: dropbox (THC Ph: (b1) bUb164 Fc Results: Illing If different; joel (sithehem	өсьсо <u>ж</u> <sub>др</sub> : 7)	97209	s - OK50 compounds	Nuto-Residue - 379 compounds		oldual Solverts	sture & Water Activity	t Margan wernert	e peres Reno: Veest and Mold	orec E Coli and Tetal Coliform	Defined Total Deficers sole	ist.		Project Number: Project Nume: Content National June () Report to State ( METRC or [ Other Ternaround time: @ 5 Business Day Read Ternaround () 3 Business Day Rich Ternaround () 2 Desiress Day Rich Ternaround () Primel for availability Sampled by:			
tab ID Client Sample Identification	Date	Time	Particides	K Perticide	× Potency	Festival	Moldure	Ter years	Mikrus V	MIKED C	M Harry Metals	Mycotacies	Uther	Semple Type *	Weight (Unita)	Exminantly/Metro (D	
2 01LIR209_ST6				x	×	X	-	-			x	-	-	C			
3 01LIR209 CS		-		x	x	x	-	-	-	-	x		-	Ċ			
4 01LIR209 PB		-		x	x	x	-	-		-	X	-		C	-		
5 6 7 8																	
9																	
10									6						(		
Helinquished By:	Dele	Time		1	2	period	By:		_	0	00	Tr	me			Lab Use Only:	
2	1/17	11:00 /		2	シリント	5	_	_			1/13	141		Evidence Sample in Clush (	of cooking: [] % good condition	er D Client elrop es   D No - Tettip (*C); 2, i _ j v O Vet) D No C   D Men:	

1 - Samule Type Codes: Vegetation (V) ; instates (S) ; Extract/Concentrate (C) ; Tincharu/Topical (T) ; Edible (E) ; Deverage (S)

war until the united ory spreaking to blear terms Raphi admittate Columbia Inde is such assure requi er for annua to acordary with the correct times of larger annotated with the COC. By signing "Achieperfect by" yes P. (300) 254-1264 ( Fox (300) 254-1452

12425 Att Hiteliter Way Personal, OK 622281

Info@columbid.com/com

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Report Number:	23-000690/D004.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 Batch ID: 2300599											
Laboratory Contr	ol Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Lin	nits	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	0.0963	0.096	%	100	90.0	- 110	Acceptable			
CBGA	1	0.0966	0.096	%	100	80.0	- 120	Acceptable			
CBG	1	0.100	0.099	%	102	80.0	- 120	Acceptable			
CBD	1	0.0970	0.097	%	99.7	90.0	- 110	Acceptable			
THCV	2	0.108	0.106	%	102	80.0	- 120	Acceptable			
d8THCV	2	0.109	0.103	%	106	80.0	- 120	Acceptable			
THCVA	2	0.103	0.099	%	104	80.0	- 120	Acceptable			
CBN	1	0.103	0.102	%	101	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			
d8THC	1	0.0963	0.100	%	95.8	90.0	- 110	Acceptable			
CBL	2	0.109	0.104	%	105	80.0	- 120	Acceptable			
d10THC	1	0.0474	0.047	%	100	80.0	- 120	Acceptable			
CBC	2	0.107	0.104	%	103		- 120	Acceptable			
THCA	1	0.0946	0.095	%	99.6	90.0 ·	- 110	Acceptable			
CBCA	2	0.105	0.103	%	102	80.0	- 120	Acceptable			
CBLA	2	0.109	0.105	%	104	80.0	- 120	Acceptable			
СВТ	2	0.110	0.105	%	104	80.0	- 120	Acceptable			
Method Blank	-										
Analyte		Result	LOQ	-	Units		nits	Evaluation	Notes		
CBDVA		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBDV		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBE		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBDA		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBGA		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBG		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBD THCV		<loq< td=""><td>0.077</td><td>+</td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077	+	%	< 0.0		Acceptable			
		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
d8THCV		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
THCVA CBN		<loq <loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<></loq 	0.077		%	< 0.0		Acceptable			
END-THC		<100	0.077		%	< 0.0		Acceptable Acceptable			
d9THC		<100	0.077		%	< 0.0		Acceptable			
		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBL		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
10THC		<100	0.077	+	%	< 0.0		Acceptable			
CBC		<100	0.077	+	%	< 0.0		Acceptable			
ТНСА		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<>	0.077		%	< 0.0		Acceptable			
CBCA		<100	0.077	+	%	< 0.0		Acceptable			
CBLA		<loq <loq< td=""><td>0.077</td><td>+</td><td>%</td><td>&lt; 0.0</td><td></td><td>Acceptable</td><td></td></loq<></loq 	0.077	+	%	< 0.0		Acceptable			
								Acceptable			
CBT		<loq< td=""><td>0.077</td><td></td><td>%</td><td>&lt; 0.0</td><td></td><td></td><td></td></loq<>	0.077		%	< 0.0					

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

Units of Measure: % - Percent





Report Number:	23-000690/D004.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

			La	boratory	Quality Cont	trol Results		
J AOAC 2015 V98-6					Bat	ch ID: 2300599		
Sample Duplicate					Sam	ple ID: 23-000690	-0001	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.234	0.234	0.077	%	0.0872	< 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	54.6	54.7	0.077	%	0.322	< 20	Acceptable	
CBGA	1.61	1.61	0.077	%	0.0614	< 20	Acceptable	
CBG	0.100	0.102	0.077	%	1.57	< 20	Acceptable	
CBD	0.888	0.922	0.077	%	3.66	< 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	<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	
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	0.263	0.260	0.077	%	1.28	< 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><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	
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	
THCA	3.97	3.97	0.077	%	0.128	< 20	Acceptable	
CBCA	2.66	2.63	0.077	%	1.28	< 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	<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

Units of Measure:

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Tester exception with 0.1 the exception of the samples are received by the laboratory.





Report Number:	23-000690/D004.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:

	la	borator	/ Ouali	ity Contro	l Results			Legacy II	D. OFL-	E33Effective:
Residual Solvents		Deruter	quan		. nesuns	Bat	tch ID:	2300691		
Method Blank					Laborator	y Control S	ample			
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	<	200		547	572	μg/g	95.6 6	60 - 120	
Isobutane	ND	<	200		701	731	µg/g	95.9 6	50 - 120	
Butane	ND	<	200		678	731	µg/g	92.7 6	50 - 120	
2,2-Dimethylpropane	ND	<	200		893	936	µg/g	95.4 6	50 - 120	
Methanol	ND	<	200		1580	1620	µg/g	97.5 6	50 - 120	
Ethylene Oxide	ND	<	30		55	56.2	µg/g	97.9	50 - 120	
2-Methylbutane	ND	<	200		1520	1610	µg/g	94.4 6	50 - 120	
Pentane	ND	<	200		1520	1600	µg/g	95.0 6	50 - 120	
Ethanol	ND	<	200		1610	1610	µg/g	100.0 7	70 - 130	
Ethyl Ether	ND	<	200		1560	1630	µg/g	95.7 6	50 - 120	
2,2-Dimethylbutane	ND	<	30		164	171	µg/g	95.9 6	50 - 120	
Acetone	ND	<	200		1560	1630	µg/g	95.7 6	50 - 120	
2-Propanol	ND	<	200		1670	1620	µg/g	103.1 6	50 - 120	
Acetonitrile	ND	<	100		475	498	µg/g	95.4 6	50 - 120	
2,3-Dimethylbutane	ND	<	30		160	171	µg/g	93.6	50 - 120	
Dichloromethane	ND	<	60		476	483	µg/g	98.6	50 - 120	
2-Methylpentane	ND	<	30		161	168	µg/g	95.8 6	50 - 120	
3-Methylpentane	ND	<	30		146	167	µg/g	87.4 6	50 - 120	
Hexane	ND	<	30		208	182	µg/g	114.3 6	50 - 120	
Ethyl acetate	ND	<	200		1570	1610	µg/g	97.5 6	60 - 120	
2-Butanol	ND	<	200		1660	1600	µg/g	103.8 6	50 - 120	
Tetrahydrofuran	ND	<	100		474	483	µg/g	98.1 6	50 - 120	
Cyclohexane	ND	<	200		1540	1610	µg/g	95.7 6	50 - 120	
Benzene	ND	<	1		5.3	5.02	µg/g	105.6	50 - 120	
Isopropyl Acetate	ND	<	200		1670	1620	µg/g	103.1 6	60 - 120	
Heptane	ND	<	200		1500	1610	µg/g	93.2 6	50 - 120	
1,4-Dioxane	ND	<	100		475	491	µg/g	96.7 6	50 - 120	
2-Ethoxyethanol	ND	<	30		316	181	µg/g	174.6	50 - 120	Q1
Ethylene Glycol	ND	<	200		698	484	µg/g	144.2 6	50 - 120	Q1
Toluene	ND	<	100		465	485	µg/g	95.9	60 - 120	
Ethylbenzene	ND	<	200		911	969	µg/g	94.0 6	60 - 120	
m,p-Xylene	ND	<	200		915	994	μg/g	92.1 6	50 - 120	
o-Xylene	ND	<	200		901	967	µg/g	93.2 6	50 - 120	
Cumene	ND	<	30		161	171	µg/g	94.2 6	50 - 120	

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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





Revision: 2 Document ID: 7087

Report Number:	23-000690/D004.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

							Legacy ID	: CFL-E33Effective:
QC - Sample Duplicate			23-000690-0005					
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	1250	1160	200	µg/g	7.5	< 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	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	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	
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	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm

LOQ - Limit of Quantitation

Q1 - Quality control result biased high. Only non-detect samples reported.

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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





23-000690/D004.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.

 Image: New Columbial aboratories.com
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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430

# SD230412-042 page 1 of 2

### PharmLabs San Diego Certificate of Analysis

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### sample 01SDT224\_CRD\_CRYSTAL RES. CBD

Sample ID SD230412-042 (72070) Matrix Concentrate (Inhalable Cannabis Good) Tested for The Hemp Collect

 Tested for
 The Hemp Collect

 Sampled
 Received
 Apr 12, 2023

 Analyses executed
 CAN+, RES, MIBIG, MTO, PES, HME, FVI

Reported Apr 24, 2023

### CAN+ - Cannabinoids Analysis

Analyzed Apr 24, 2023 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approximately **3**.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 + <b>D</b> 9THC )			ND	ND
Total THC + $\Delta$ 8THC (THCa * 0.877 + $\Delta$ 9THC + $\Delta$ 8THC )			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
Aspergillus niger	ND	ND per 1 gram	Aspergillus 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







Authorized Signature

Brandon Starr

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

**SD**PharmLabs



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# **QA** Testing

### 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**

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
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		Xylenes (Xyl)	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 3g	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 NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony 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



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