



**Report Number:** 22-001139/D026.R000 **Report Date:** 02/08/2022 **ORELAP#:** OR100028 **Purchase Order: Received:** 01/31/22 16:12

Customer:	IHC LLC
Product identity:	0102030506LIRVSUG200_PW
Client/Metrc ID:	
Laboratory ID:	22-001139-0018

Summary

Analyte	Result (%)	<ul> <li>Δ8-THC</li> </ul>	• THC-A		
∆8-THC†	36.6	• CBD	• THCV-A	CBD-Total	23.6%
CBD	20.1	• CBG	<ul> <li>CBN</li> </ul>		
CBG <sup>†</sup>	14.4	• CBD-A		THC-Total	<pre><loq< pre=""></loq<></pre>
CBD-A	4.02	• CBDV-A			
CBDV-A†	2.94	<ul> <li>CBDV</li> <li>         Δ8-THCV     </li> </ul>		(Reported in pe	ercent of total sample)
CBDV <sup>†</sup>	2.38	• CBE			. ,
∆8-THCV	2.21	• THCV			
CBE <sup>†</sup>	1.97	• CBC-A			
THCV <sup>†</sup>	0.352	CBC			
CBC-A <sup>†</sup>	0.263				
CBC	0.151				
THC-A	0.149				
THCV-A <sup>†</sup>	0.122				
CBN	0.102				

Page 1 of 9 <u>www.columbialaboratories.com</u> 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. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan prior arrangements have been made. Test results meet and the columbia consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.





Customer:	IHC LLC 825 NW 16th Ave Portland Oregon 97209 United States of America (USA)
Product identity: Client/Metrc ID: Sample Date:	0102030506LIRVSUG200_PW
Laboratory ID:	22-001139-0018
Evidence of Cooling:	No
Temp:	20.3 °C
Relinquished by:	Client

Report Number:	22-001139/D026.R000
Report Date:	02/08/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	01/31/22 16:12



# THE HEMP COLLECT

## **Sample Results**

Potency	Method J A	OAC 2015 V98	3-6 (mod)	Units %	Batch: 2201060	Analyze: 2/4/22 5:19:00 AM
Analyte		Dry LOQ	Notes			
		veight				Δ8-THC OCC
CBC	0.151	0.0899				CBD THC-A
CBC-A <sup>†</sup>	0.263	0.0899				CBG     THCV-A     CBD-A     CBN
CBC-Total <sup>†</sup>	0.382	0.169				CBD-A CBN
CBD	20.1	0.0899				<ul> <li>CBDV</li> </ul>
CBD-A	4.02	0.0899				Δ8-THCV
CBD-Total	23.6	0.169				• CBE
CBDV <sup>†</sup>	2.38	0.0899				THCV
CBDV-A <sup>†</sup>	2.94	0.0899				CBC-A
CBDV-Total <sup>†</sup>	4.93	0.168				
CBE <sup>†</sup>	1.97	0.0899				
CBG <sup>†</sup>	14.4	0.0899				
CBG-A <sup>†</sup>	< LOQ	0.0899				
CBG-Total	14.4	0.168				
CBL <sup>†</sup>	< LOQ	0.0899				
CBL-A <sup>†</sup>	< LOQ	0.0899				
CBL-Total <sup>†</sup>	< LOQ	0.169				
CBN	0.102	0.0899				
CBT <sup>†</sup>	< LOQ	0.0899				
$\Delta 8$ -THC <sup>†</sup>	36.6	0.899				
∆8-THCV	2.21	0.0899				
∆9-THC	< LOQ	0.0899				
THC-A	0.149	0.0899				
THC-Total	< LOQ	0.169				
THCV <sup>†</sup>	0.352	0.0899				
THCV-A <sup>†</sup>	0.122	0.0899				
THCV-Total <sup>†</sup>	0.459	0.168				
Total Cannabinoids <sup>†</sup>	85.8					

Page 2 of 9 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
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Testing in accordance with: OAR 333-007-0430





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These test results are representative of the individual sample selected and submitted by the client.

### Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

<sup>†</sup> = Analyte not NELAP accredited.

#### Units of Measure

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

Approved Signatory

**Derrick Tanner** General Manager

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01/31/22 16:12

			P			A	nalysi	is Req	usste	d .					Number	
Company: IHC Contact: Kyle Harook Servet: 431 NW Flanders st. City: Portland Sate: City: Contact State: City	01- 2pr.		- CR SP compounds	tstolde Multi-Reddue – 379 compounds		tiust Schrenta	kiture & Water Activity		cror Yeart and Mold	Noro: & Colf and Yotal Colfform	10			Projec Proj Custorn R Report to	t Number: eporting: State - C M nd time: Set 5 C 2 2	ETRC or  Other. Business Day Standard Turnsround Business Day Rash Turnsround* Basiness Day Rash Turnsround* Check for proclability
to D Client Sample Identification	Date	Time	Perioder	Preside	Potency	Feedbard 5	Moisture	Interes	Micros Ye	MICO: EC	HEAVY METRIX	Mycotowi	Other.	Sample Type †	Weight (Links)	Comments/Metric ID
\$1020305066_TRENSPLAN_PV	1/31		-	_	х	_								C		
DIODASOSALLS REAPSOD_TO-	1/31	-	-		x			-				-		C		
OIOTOFLERVAPIOD-OGK	1/51				X		_	_						¢		
01030765RX4P200_Nama	121			_	x								1	C		
010307LIEWA9200_lava	切开				X									C		
010307LEEUAP200_PP	1/81				x	_								C	_	
OULERNAP200_ST	1/31				х									C		
OILIRYAP200_SG	4/31				x							1		C		
OILTRVAPLOO_PB	1/31				x									C		
0 011 X AVAP 200-08-	1/31				×									C		
Relinquished By:	liste	Time		-		taken	Ger .			D	de .	Th	THE			Leb Use Only:

1 - Sample Type Codes: Vegetation (v) ; teolates (5) ; Extract/Concentrate (C) ; Tincture/Topical (1) ; Edible (C) ; Beverage (0)

number with costing requirements committee an agreement for services in accordance with the current the graph of CCC and the barrane and the Samples (advanced in Colorities Labo 100.000 \*\* P: (S02) 254-1754 | Par: (S02) 254-3452 13423 NE Whitelan Way

Personal OR 57230

tido@inkoni##abisite/leacerer

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**Received:** 

01/31/22 16:12

			-	-		A	nolysi	a Reig	uieste	d					A Marenhart	
Company HHC Contact: Kyle Farook Street: 431 NVV Flanders st. Coy: Portland stree: OF ze: 97209 I treal Assults: dropbox Ph: (61) 608164 Fix Results: (] Nag If different: beth @thehempcollect.cor		- Of \$2 compounds	Multi-Residue - 379 compounds		limits	stare & Water Activity		Yeast and Mold	durou. G.Coff and Total Coliform	of and Total Colform tab	1.			Project Number: Project Name: Custom Reporting: Report to State METRC or Other: Turnaround time: S Business Day Standard Ternaround* 3 Business Day Rish Turnaround* "Check for ownikability Sampled by:		
B Olivers Sample Identification	Date	Time	Verticides	Vesticide A	Volancy	teshtual Solvents	Moistare I	Inspects	Micros Vea	Micro: 6.0	Inny Metals	Myconteline	Other:	Sample Type 1	Weight (Units)	Comments/Metrc ID
0107LIRVAP200_Mama	1/31				x									C		
HOLOSALLER MAPLON_ TO	1/31				x									C	Mark (M)	
0103LIRSUG200_SP	1/31				x									C	1-1-3	
OWSLIRSUS200_SG-	1/31				x									C		
01031-28506400-06-K	1/31				х									C	í 1	
0103LERSUG200_98	1/31				x									¢		
WEEDGOSOGLERWAPE M- PW	1/31	1			x				1					C		
NOLOBOSIGLERSUSLON- PW	1/31				×									C		
DIOLOSOSOLLTR 200. FV	1/31	-			x					1				C	12.000	
D MOZOGOSOWLERSUGZOO_TG	1/31				X									C		
						caived				- 24			mit			Lab Line Crity:

(- Sample Type Codes: Vegetation (V) ; isolates (S) ; Extract/Concentrate (C); Tincture/Topical (T); Extble (C); Beverage (D)

Samples submitted to Columbia Laboratorius with insing report ordene with the co un sensi of Versica associated with MA COC & signing "Avings taked by "you are agreeing to these lower al fire survival do at

22423 NE Wittoker Way Anthend, CR 97220

P: (505) 254-2794 J Par: (505) 254-3432 infrateurier balabataries.com

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Page 5 of 9

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**Received:** 

01/31/22 16:12

			-			A	naiysi	is Req	ueste	d		_		P	Number:	
Company: IHC Contact: Kyle Harook Science: 431 NW Flanders st. ots: Portland Suite: 0 Email Results: 0ropbox Pr: (01) 5UB164 Pr Results: Billing (#different), Deth/91heher	が 78px (		- OR 59 carepounds	Multi-Residue – 379 compounds		wents -	costure & water Activity		kro: Yeast and Meks	ro: £.Col and Total Coliform	ste			Proj Custom P Report to Turnerou	ect Name: Seporting a State - D ME ad Ume: 62 5 3 3 2 2 3	THC or 🗆 Other: Resiness Day Standard Turnaround Sestness Day Rish Turnaround® Bushess Day Rish Turnaround® Check for antibility
ab Client Sense Identification	Done	Time	Pesticides-	Peinode N	Potency	Residual Solvence	MOUTING &	Terpana	Micro: Yea	Mero: E.C.	Heavy Metab	Mycatesine	other:	Sampled Sample Type 1	Weight (URD)	Comments/Metric ID
AND TLIR BORLOD, OSK	1/31			1	x							1		C		
ALTRSUG200-SP	1/31				x							-		C		
011128506200-PB	1/31				х									c		
0111RSU6200-06	1/31				x									С		
CHOROSOGLIRBORIDO. TO	Ifer				х									C		
B DIOTLERSPRED-OGK	1/31				x									C	_	
OIOTLER BORZOD_PP	131				х									C		
OILIRCRAZOO_PS	1/31				x									C		
01LIRCRM200_SP	1/31				X									C		
0 DIOSFLTBAC - FV	1/31		1		X			×						٩V		
					_	Reived					ite 1		me			Lab Use Droy:

+ - Sample Type Codes: Vegetation (v) ; isolates (i) ; Extract/Concentrate (C) ; Tixcture/Topical (1) ; Edible (C) ; Beverage (II)

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12422 HE Whiteler Way Perkland, ON 57250

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ORELAP#:	OR100028
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**Received:** 

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Revision: 1 Document ID: 7148

Legacy ID:	Worksheet	Validated	04/20/2021

		Labor	atory (	Quality Co	ontrol Results		
J AOAC 2015 V9				Bat	ch ID: 220106	)	
Laboratory Cont	trol Sample						
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.185	0.2	%	92.7	85.0 - 11		
CBDV	0.208	0.2	%	104	85.0 - 11	5 Acceptable	
CBE	0.192	0.2	%	95.9	85.0 - 11	5 Acceptable	
CBDA	0.210	0.2	%	105	85.0 - 11	5 Acceptable	
CBGA	0.186	0.2	%	92.9	85.0 - 11	5 Acceptable	
CBG	0.190	0.2	%	95.2	85.0 - 11	5 Acceptable	
CBD	0.207	0.2	%	104	85.0 - 11	5 Acceptable	
THCV	0.187	0.2	%	93.4	85.0 - 11	5 Acceptable	
d8THCV	0.181	0.2	%	90.7	85.0 - 11	5 Acceptable	
THCVA	0.183	0.2	%	91.6	85.0 - 11	5 Acceptable	
CBN	0.204	0.2	%	102	85.0 - 11	5 Acceptable	
exo-THC	0.174	0.2	%	87.2	85.0 - 11	5 Acceptable	
d9THC	0.200	0.2	%	99.8	85.0 - 11	5 Acceptable	
d8THC	0.176	0.2	%	88.2	85.0 - 11	5 Acceptable	
CBL	0.180	0.2	%	89.9	85.0 - 11	5 Acceptable	
CBC	0.184	0.2	%	91.8	85.0 - 11	5 Acceptable	
THCA	0.200	0.2	%	99.9	85.0 - 11	5 Acceptable	
CBCA	0.189	0.2	%	94.4	85.0 - 11	5 Acceptable	
CBLA	0.200	0.2	%	100	85.0 - 11	5 Acceptable	
CBT	0.226	0.2	%	113	85.0 - 11	5 Acceptable	

#### Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBDV	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBE	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBDA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBGA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBG	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBD	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCV	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d8THCV	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCVA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBN	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
exo-THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d9THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d8THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBL	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBCA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBLA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBT	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	

#### Abbreviations

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

LOQ - Limit of Quantitation

Units of Measure:

% - Percent

Page 7 of 9 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
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Report Date:	02/08/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	01/31/22 16:12

Revision: 1 Document ID: 7148

Legacy ID:	Worksheet	Validated	04/20/2021
Legacy ID.	VVUINSIIEEL	vanualeu	04/20/2021

Laboratory Quality Control Results													
J AOAC 2015	V98-6				Bate	ch ID: 2201060							
Sample Dupl	Sample Duplicate Sample ID: 22-001139-0001												
Analyte	Result	Org. Result	LOQ	LOQ Units RPD Limits Evaluation Notes									
CBDVA	3.77	3.76	0.1	%	0.129	< 20	Acceptable						
CBDV	1.74	1.74	0.1	%	0.178	< 20	Acceptable						
CBE	0.336	0.331	0.1	%	1.55	< 20	Acceptable						
CBDA	5.57	5.56	0.1	%	0.181	< 20	Acceptable						
CBGA	0.143	0.143	0.1	%	0.145	< 20	Acceptable						
CBG	4.34	4.33	0.1	%	0.264	< 20	Acceptable						
CBD	6.51	6.40	0.1	%	1.73	< 20	Acceptable						
THCV	0.272	0.266	0.1	%	2.12	< 20	Acceptable						
d8THCV	1.65	1.64	0.1	%	0.661	< 20	Acceptable						
THCVA	0.180	0.179	0.1	%	0.427	< 20	Acceptable						
CBN	0.410	0.404	0.1	%	1.46	< 20	Acceptable						
exo-THC	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable						
d9THC	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable						
d8THC	57.9	57.8	0.1	%	0.132	< 20	Acceptable						
CBL	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable						
CBC	0.593	0.604	0.1	%	1.87	< 20	Acceptable						
THCA	0.212	0.213	0.1	%	0.245	< 20	Acceptable						
CBCA	0.420	0.420	0.1	%	0.0228	< 20	Acceptable						
CBLA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable						
CBT	0.782	0.644	0.1	%	19.5	< 20	Acceptable						

#### Abbreviations

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

#### Units of Measure:

% - Percent

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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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 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

## SD230329-008 page 1 of 2

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## sample 03DTST224\_AMBER\_D8 Distillate

**D**PharmLabs

Sample ID SD230329-008 (71349) Matrix Concentrate (Inhalable Cannabis Good)

Tested for The Hemp Collect Sampled -Received Mar 28, 2023 Analyses executed CAN+, RES, MIBIG, MTO, PES, HME, FVI

Reported Apr 05, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 660% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC, (+)d8-THC is a different compound from the main (-)d8-THC cannobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC and d9-THC is problematic for the scientific community as a whole. PhormLabs believes the unidentified peak to be a combination of (+)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 94.56%.

### CAN+ - Cannabinoids Analysis

Analyzed Apr 04, 2023 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approximately **#.806%** at the 95% Confidence Level

Indy of many of the mark of the	The expanded offeer taining of the cannobiola analysis is approximately 2.000% at the 75% connactice zever				
Cannabidolic Acid (CBDA)         0.001         0.16         ND         ND           Cannabigerol Acid (CBGA)         0.001         0.16         ND         ND           Cannabigerol (CBG)         0.001         0.16         ND         ND           Cannabigerol (CBG)         0.001         0.16         ND         ND           Cannabidol (CBD)         0.001         0.16         ND         ND           Cannabidol (CBN)         0.001         0.16         ND         ND           Cannabigoral (AS-THC)         0.002         0.16         ND         ND           Cannabigoral (AS-THC)         0.002         0.16         ND         ND           Cannabigoral (AS-THC)         0.002         0.16         ND         ND           Cannabigoral (CBC)         0.001         0.16         ND         ND           Cannabigoral (CBC)         0.002         0.16         ND         ND           Cannabigoral (CBC)         0.001	Analyte				
Cannabigerol Acid (CBGA)         0.001         0.16         ND         ND           Cannabigerol (CBG)         0.001         0.16         ND         ND           Cannabigerol (CBG)         0.001         0.16         ND         ND           Cannabigorol (CBG)         0.001         0.16         ND         ND           Cannabigorol (CBO)         0.001         0.16         ND         ND           Cannabinol (CBN)         0.001         0.16         ND         ND           Cannabinol (A9-THC)         0.003         0.16         UI         UI           AB-tetrahydrocannabinol (A9-THC)         0.002         0.16         ND         ND           Cannabicyclo (CBL)         0.002         0.16         ND         ND           Cannabinol (A9-THC)         0.002         0.16         ND         ND           Cannabinol (CBL)         0.002         0.16         ND         ND           Cannabinolic Acid (THCA)         0.001         0.16         ND         ND           Cannabinolic Acid (THCA)         0.001         0.16         ND         ND           Total THC (THCa* 0.877 + A9THC)         ND         ND         ND           Total CBC (EBGa* 0.877 + CBB) <t< td=""><td>Cannabidivarin (CBDV)</td><td>0.039</td><td>0.16</td><td>ND</td><td>ND</td></t<>	Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabigerol (CBG)         0.001         0.16         ND         ND           Cannabigerol (CBG)         0.001         0.16         ND         ND           Tetrahydrocannabivorin (THCV)         0.001         0.16         ND         ND           Cannabilo (CBN)         0.001         0.16         ND         ND           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI           Δ8-tetrahydrocannabinol (Δ9-THC)         0.002         0.16         ND         ND           Cannabilo (CBL)         0.002         0.16         ND         ND           Cannabilo (THCA)         0.001         0.16         ND         ND           Cannabilo (THCA)         0.001         0.16         ND         ND           Tetrahydrocannabinol (AB-TTHC)         ND         ND         ND         ND           Tetrahydrocannabinol (CACTHCA' 0.877 + Δ9THC)         ND         ND         ND           Total THC (THCA '0.877 + Δ9THC + Δ8TH	Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabidi (CBD)         0.001         0.16         ND         ND           Tetrahydrocannabivarin (THCV)         0.001         0.16         ND         ND           Cannabidiol (CBN)         0.001         0.16         ND         ND           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         94.56         945.60           Cannabidiol (CBL)         0.002         0.16         ND         ND           Cannabidoniol (Δ8-THC)         0.002         0.16         ND         ND           Cannabidol (CBL)         0.001         0.16         ND         ND           Cannabidol (CBL)         0.001         0.16         ND         ND           Total THC (THCa * 0.877 + Δ9THC + Δ	Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)         0.001         0.16         ND         ND           Cannabinol (CBN)         0.001         0.16         ND         ND           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         94.56         945.60           Cannabicyclol (CBL)         0.002         0.16         ND         ND           Cannabicyclol (CBL)         0.001         0.16         ND         ND           Cannabicyclol (CBC)         0.001         0.16         ND         ND           Total THC (THca * 0.877 + Δ9THC + Δ8THC)         ND         ND         ND           Total CBC (CBBa* 0.877 + CBD)         VD         ND         ND           Total CBC (CBGa* 0.877 + CBG)         ND         ND         ND	Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabinol (CBN)         0.001         0.16         ND         ND           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         U1         U1           Δ8-tetrahydrocannabinol (Δ9-THC)         0.004         0.16         94.56         945.60           Cannabinol (Δ9-THC)         0.002         0.16         ND         ND           Δ8-tetrahydrocannabinol (Δ9-THC)         0.002         0.16         ND         ND           Cannabichomene (CBL)         0.002         0.16         ND         ND           Cannabichomene (CBC)         0.001         0.16         ND         ND           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         ND         ND           Total THC (THCa*0.877 + Δ9THC)         ND         ND         ND         ND           Total THC (THCa*0.877 + Δ9THC + Δ8THC)         Y	Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocanabinol (Δ9-THC)         0.003         0.16         UI         UI           Δ8-tetrahydrocanabinol (Δ9-THC)         0.004         0.16         94.56         945.60           Canabicyclol (CBL)         0.002         0.16         ND         ND           Canabichromene (CBC)         0.002         0.16         ND         ND           Tetrahydrocanabinol (Ad-THCA)         0.001         0.16         ND         ND           Total THC (THCa <sup>+</sup> 0.877 + Δ9THC)         ND         ND         ND           Total THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC)         94.56         945.60         ND           Total CBD (CBDa <sup>+</sup> 0.877 + Δ9THC + Δ8THC)         ND         ND         ND           Total CBG (CBDa <sup>+</sup> 0.877 + CBS)         ND         ND         ND	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Ab-tetra/glarcannabinol (Ab-THC)     0.004     0.16     94.56     945.60       Cannabicyclol (CBL)     0.002     0.16     ND     ND       Cannabicyclol (CBC)     0.002     0.16     ND     ND       Tetra/glarcannabinolic Acid (THCA)     0.001     0.16     ND     ND       Total THC (THCa * 0.877 + A9THC)     ND     ND     ND       Total CBD (CBDa* 0.877 + A9THC + A8THC)     94.56     94.56       Total CBD (CBDa* 0.877 + CBD )     ND     ND       Total CBG (CBGa* 0.877 + CBG )     ND     ND	Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabicyclol (CBL)         0.002         0.16         ND         ND           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         ND         ND           Total THC (THCa ° 0.877 + 49THC )         ND         ND         ND           Total THC + 48THC (THCa ° 0.877 + 49THC + 48THC + 48T	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Cannabichromene (CBC)         0.002         0.16         ND         ND           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         ND         ND           Total THC (THCa <sup>0.0877 +</sup> A9THc )         ND         ND         ND           Total THC + A8THC (THCa <sup>0.0877 +</sup> A9THc + A8THc )         94.56         945.60           Total CBC (BBGa <sup>0.0877 +</sup> CBD)         ND         ND           Total CBC (CBGa <sup>0.0877 +</sup> CBC)         ND         ND	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	94.56	945.60
Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         ND         ND           Total THC (THCa * 0.877 + Δ9THc )         ND         ND         ND           Total THC + Δ8THC (THCa * 0.877 + Δ9THc + Δ8THc )         94.56         945.60           Total CBD (CBDa * 0.877 + CBD )         ND         ND           Total CBG (CBGa * 0.877 + CBG )         ND         ND	Cannabicyclol (CBL)	0.002	0.16	ND	ND
Total THC ( THCa * 0.877 + Δ9THc )         ND         ND           Total THC + Δ8THC ( THCa * 0.877 + Δ9THc + Δ8THc )         94.56         945.60           Total CBD ( CBDa * 0.877 + CBD )         ND         ND           Total CBG ( CBGa * 0.877 + CBG )         ND         ND	Cannabichromene (CBC)	0.002	0.16	ND	ND
Total THC + A&THC ( THCa * 0.877 + AØTHC + A&THC )         94.56         945.60           Total CBD ( CBDa * 0.877 + CBD )         ND         ND           Total CBG ( CBGa * 0.877 + CBG )         ND         ND	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total CBD ( CBDa * 0.877 + CBD )         ND         ND           Total CBG ( CBGa * 0.877 + CBG )         ND         ND	Total THC ( THCa * 0.877 + Δ9THC )			ND	ND
Total CBG ( CBGa * 0.877 + CBG ) ND ND	Total THC + $\Delta$ 8THC ( THCa * 0.877 + $\Delta$ 9THC + $\Delta$ 8THC )			94.56	945.60
	Total CBD ( CBDa * 0.877 + CBD )			ND	ND
Total Cannabinoids 94.56 945.60	Total CBG ( CBGa * 0.877 + CBG )			ND	ND
	Total Cannabinoids			94.56	945.60

### HME - Heavy Metals Detection Analysis

Analyzed Apr 04, 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 Mar 31, 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 04, 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







Brandon Starr, Lab Manager Wed, 05 Apr 2023 10:13:00 -0700



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Authorized Signature

Brandon Starr

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## **QA** Testing

#### PES - Pesticides Screening Analysis

Analyzed Apr 04, 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 04, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

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	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	ND	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	ND	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

#### FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 30, 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 Wed, 05 Apr 2023 10:13:00 -0700



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