



Report Number:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59

_ _ _ _

Customer:	IHC LLC
Product identity:	Sour Suver - D8 Flower
Client/Metrc ID:	
Laboratory ID:	22-013665-0004

Summary

Analyte	Result (%)			
∆8-THC	19.9	Δ8-THC	CBD-Total	13.7%
CBD-A	8.23	• CBD-A		
CBD	6.46	• CBD //	THC-Total	<loq< td=""></loq<>
CBG-A	0.353	CBG-A		
CBT	0.0588	CBT	(Reported in per	rcent of total sample)
CBDV-A	0.0487	CBDV-A		
CBG	0.0439	CBG		
CBDV	0.0312	CBDV		

Page 1 of 8 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



IHC LLC

825 NW 16th Ave Portland Oregon 97209

22-013665-0004

No 20.9 °C

client

United States of America (USA)

Sour Suver - D8 Flower

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:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59



Sample Results

Potency	Method: J AOAC	; 2015 V98-6 (mod	d)⊳ Units %	Batch: 2209627	Analyze: 11/9/22 8:17:00 AM
Analyte		Dry LOQ	Notes		
		weight			
CBC	< LOQ	0.0295			Δ8-THC
CBC-A	< LOQ	0.0295			• CBD-A
CBC-Total	< LOQ	0.0553			 CBD CBG-A
CBD	6.46	0.0295			• CBG-A
CBD-A	8.23	0.0295			CBDV-A
CBD-Total	13.7	0.0553			CBG
CBDV	0.0312	0.0295			• CBDV
CBDV-A	0.0487	0.0295			
CBDV-Total	0.0734	0.0550			
CBE	< LOQ	0.0295			
CBG	0.0439	0.0295			
CBG-A	0.353	0.0295			
CBG-Total	0.354	0.0550			
CBL	< LOQ	0.0295			
CBL-A	< LOQ	0.0295			
CBL-Total	< LOQ	0.0553			
CBN	< LOQ	0.0295			
CBT	0.0588	0.0295			
$\Delta 10$ -THC	< LOQ	0.0295			
∆8-THC	19.9	0.295			
∆8-THCV	< LOQ	0.0295			
∆9-THC	< LOQ	0.0295			
exo-THC	< LOQ	0.0295			
THC-A	< LOQ	0.0295			
THC-Total	< LOQ	0.0553			
THCV	< LOQ	0.0295			
THCV-A	< LOQ	0.0295			
THCV-Total	< LOQ	0.0550			
Total Cannabinoids	35.1				

www.columbialaboratories.com

Page 2 of 8

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





Report Number: 22-013665/D006.R000 **Report Date:** 11/10/2022 **ORELAP#:** OR100028 Purchase Order: Received: 11/07/22 11:59

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.

^b = 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

www.columbialaboratories.com

Page 3 of 8

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





Report Number:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59

22-2013665

Columbia ABORATORIES ATerrismos Correcting

Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record Revision: 4.00 Control#: CF023 Rev 02/24/2021 EM: 03/04/2021. ORELAP ID: ORD0028

	and the store of the second		_				- 10	ralys	Is Rea	Ueste	d					1 Khumhari	
Sh Gi	Ine Hernp Collect Contact, loyle@thehempco edit 431 NW Flanders st p. Portland State: Email Results: dropbox (IH (61) 608164 Fx Results log (if efferent); loel@thehem	llect.co U⊫ _{žip} C)	97209	a - OR 99 compounds	stickle Multi-Residae ~ 379 compounds		sdual Solverca	Assistante & Weiter Activity		date vess and hold	Acro. C.ON and Total Coliforni	esti	R.	HHC Rotance	Poojes Pro Custom I Report to	t Number: Jest Name Seporting: State - D to State - D to	ACTINC or CL Other S Business Day Standard Turnaround B Business Day Rush Tarnaround* 3 - cRove 2 Business Day Rush Tarnaround* 2- gave 7 Jone For envelophility 60.1
100	Client Sample Mentification Sour Hawaiian - D8 Flo		Time	Petticides	Pesticide	Patiency	Residual	Montare	X Timpeces	Marris W	March F.	sheads young	Myconains	officer 1	Sangée Type 1	Weight (Units)	Samples #1-#4. Alternate
2	Sour Suver - D8 Flowe	10.000/201		-		-	-		x		-		-		V		Client name: Koi CBD
3	Sour Hawalian - D8 Flo	NBI		-		x	-	-	-	-	-	-	-		V		Samples #3-#9: Alternate
4	Sour Suver - D8 Flowe	r		-		x	-		-				-		v.		client name: Zar Wellness
5	Bubba Kush - D8 Flows	r		-		x	-	-	-			-			Ý		102233B
6	Sour Lifter - D8 Flower					x		-	-						v		
7	Pineapple Kush - D8 FI	ower		-		x	-	-	-		-	-	_		V		1 1
8	SWEET SUM- MOONTOCKS			-		x							-	X	CA		1
9 10	Lan roch DORNHIC M		15	_		×			-					×	CIV		
	Falingathed by:	Date	Time		-		norved	Đợ:	-		D	69	n	THE .			tail-Use Only.
Joe	sl Thompson	11.07.	4:00 PI			0	ISE.				11/	7	ÿ1	ડલ	D Shipped Via:or IS Cleant drop Exidence of cooling: D Yes IS No - Temp (PC):O _ *1 Sample is good cooldition: (D Yes) D No D Carls D Check D Of D Hert Prolog storage:		1 Yes 15 Mar - Yerep (*C): <u>20. *L</u> Lore (5 Yes) (2 Ne

1 - Sample Type Codes: Vegetation (V) ; Nolates (5) ; Extract/Concentrate (C) ; Texture/Topical (U); Edible (C); Beverage (8)

Singly adjusted to Constant (adjusted on the same registrowers) constant an agreement for anyone to according with the correct state of service constant with the CCC By aging. Reliapided by "you or agreeding to their service higr_____rd_ P. (303) 254-2794 / Nov (503) 254-0492 23428 NE Weitzker Way Portional CREEZED phageorameters in the second

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





Report Number:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59

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

J AOAC 2015 V98-6 Batch ID: 2209627													
Laboratory Contr	ol Sample												
Analyte	LCS	Result	Spike	Units	% Rec	L	imits	Evaluation	Notes				
CBDVA	2	0.0370	0.034	%	110	80.0	- 120	Acceptable					
CBDV	2	0.0373	0.037	%	102	80.0	- 120	Acceptable					
CBE	2	0.0367	0.034	%	108	80.0	- 120	Acceptable					
CBDA	1	0.0315	0.032	%	98.0	90.0	- 110	Acceptable					
CBGA	1	0.0305	0.032	%	95.9	80.0	- 120	Acceptable					
CBG	1	0.0332	0.034	%	98.4	80.0	- 120	Acceptable					
CBD	1	0.0347	0.033	%	106	90.0	- 110	Acceptable					
THCV	2	0.0374	0.035	%	106	80.0	- 120	Acceptable					
d8THCV	2	0.0376	0.035	%	106	80.0	- 120	Acceptable					
THCVA	2	0.0329	0.033	%	100	80.0	- 120	Acceptable					
CBN	1	0.0351	0.035	%	101	90.0	- 110	Acceptable					
exo-THC	2	0.0390	0.034	%	113	80.0	- 120	Acceptable					
d9THC	1	0.0360	0.034	%	105	90.0	- 110	Acceptable					
d8THC	1	0.0333	0.035	%	96.4	90.0	- 110	Acceptable					
CBL	2	0.0358	0.032	%	111	80.0	- 120	Acceptable					
d10THC	1	0.0303	0.030	%	99.3	80.0	- 120	Acceptable					
CBC	2	0.0376	0.036	%	105	80.0	- 120	Acceptable					
THCA	1	0.0310	0.032	%	96.4	90.0	- 110	Acceptable					
CBCA	2	0.0348	0.034	%	101	80.0	- 120	Acceptable					
CBLA	2	0.0361	0.035	%	104	80.0	- 120	Acceptable					
CBT	2	0.0367	0.036	%	102	80.0	- 120	Acceptable					
Method Blank													
Analyte		lesult	LOQ		Units		imits.	Evaluation	Notes				
CBDVA		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBDV		<loq< td=""><td>0.03</td><td></td><td colspan="2">%</td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBE		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBDA		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBGA		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBG		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBD		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
THCV		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
d8THCV		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
THCVA		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBN		<loq< td=""><td>0.03</td><td></td><td colspan="2"></td><td colspan="2">%</td><td colspan="2"></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03				%				0.03	Acceptable	
exo-THC		<loq< td=""><td>0.03</td><td>_</td><td colspan="2">%</td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03	_	%		0.03	Acceptable					
d9THC		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
d8THC		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBL		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
d10THC		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
CBC		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
THCA		<loq< td=""><td>0.03</td><td></td><td>%</td><td></td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03		%		0.03	Acceptable					
~~ ~ .		<loq< td=""><td>0.03</td><td>1</td><td>%</td><td>< 0</td><td>0.03</td><td>Acceptable</td><td></td></loq<>	0.03	1	%	< 0	0.03	Acceptable					
CBCA					*1								
CBCA CBLA CBT	-	<loq <loq< td=""><td>0.03</td><td></td><td>% %</td><td></td><td>0.03 0.03</td><td>Acceptable Acceptable</td><td></td></loq<></loq 	0.03		% %		0.03 0.03	Acceptable Acceptable					

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

Units of Measure: % - Percent

Page 5 of 8 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





Report Number:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59

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

			La	boratory	Quality Con	trol Results						
J AOAC 2015 V98-6	Batch ID: 2209627											
Sample Duplicate	Sample ID: 22-013598-0001											
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes				
CBDVA	<loq< td=""><td>0.0304</td><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.0304	0.03	%	NA	< 20	Acceptable					
CBDV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
CBE	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
CBDA	12.4	13.3	0.03	%	6.51	< 20	Acceptable					
CBGA	0.232	0.271	0.03	%	15.7	< 20	Acceptable					
CBG	0.0442	0.0402	0.03	%	9.43	< 20	Acceptable					
CBD	0.831	0.889	0.03	%	6.77	< 20	Acceptable					
THCV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
d8THCV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
THCVA	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
CBN	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
exo-THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
d9THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
d8THC	1.16	1.19	0.03	%	3.01	< 20	Acceptable					
CBL	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
d10THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
CBC	0.0644	0.0704	0.03	%	8.98	< 20	Acceptable					
THCA	0.486	0.510	0.03	%	4.85	< 20	Acceptable					
CBCA	0.564	0.591	0.03	%	4.68	< 20	Acceptable					
CBLA	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					
CBT	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable					

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

LOQ - Limit of Quantitation

Units of Measure:

Page 6 of 8 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





Report Number:	22-013665/D006.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59



Page 7 of 8 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





22-013665/D006.R000 **Report Number: Report Date:** 11/10/2022 **ORELAP#:** OR100028 **Purchase Order: Received:** 11/07/22 11:59

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.

Page 8 of 8 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

PharmLabs San Diego Certificate of Analysis

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

sample 03DTST224_AMBER_D8 Distillate

DPharmLabs

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 + Δ9THC) 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 Tetrahydrocannabinol (AS-TT+ Δ9THC) ND ND ND Tetrahydrocannabinol (CACHCA) 0.001 0.16 ND ND Tetrahydrocannabinol (CACHCA) 0.001 0.16 ND ND Tetrahydrocannabinolic Acid (T	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 (CBL) 0.001 0.16 ND ND Cannabicyclol (CBL) 0.001 0.16 ND ND Total THC (THca 0.877 + Δ9THC + Δ8THC) ND ND ND Total CBC (CBBa 0.9.77 + CBD) ND ND ND Total CBC (CBGa 0.8.77 + CBG) <td>Cannabigerol (CBG)</td> <td>0.001</td> <td>0.16</td> <td>ND</td> <td>ND</td>	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) Y45.60 Y45.60 Y45.60 Y45.60 Total CBG (CBGa*0.877 + CB) ND ND ND ND ND	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 ⁺ 0.877 + Δ9THC) ND ND ND Total THC (THCa ⁺ 0.877 + Δ9THC + Δ8THC) 94.56 945.60 ND Total CBD (CBDa ⁺ 0.877 + Δ9THC + Δ8THC) ND ND ND Total CBG (CBDa ⁺ 0.877 + CBG) 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 ^{0.0877 +} A9THc) ND ND ND Total THC + A8THC (THCa ^{0.0877 +} A9THc + A8THc) 94.56 945.60 Total CBC (BBGa ^{0.0877 +} CBD) ND ND Total CBC (CBGa ^{0.0877 +} 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 + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 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



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1

Authorized Signature

Brandon Starr

SD230329-008 page 2 of 2

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



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "os received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evolution unless explicitude, state or local laws which are required by the nor Pass/Fail status is reported, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is available uncertainty is ava