



Report Number:	22-008818/D006.R000
Report Date:	08/02/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	07/26/22 12:43

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

Customer:	IHC LLC
Product identity:	010307LIRBDR200_PP
Client/Metrc ID:	
Laboratory ID:	22-008818-0003

Summary

Analyte	Result (%)			
CBN	37.3	• CBN	CBD-Total	19.4%
∆8-THC	29.7	<ul> <li>Δ8-THC</li> </ul>		
CBD-A	12.0	CBD-A	THC-Total	<loq< td=""></loq<>
CBD	8.91	• CBD		
CBDV-A	0.183	<ul><li>CBDV-A</li><li>CBG-A</li></ul>	(Reported in pe	rcent of total sample)
CBG-A	0.143	<ul> <li>CBG-A</li> <li>CBT</li> </ul>		
CBT	0.140	• CBC		
CBC	0.112	CBDV		
CBDV	0.0741			

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

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No 13.8 °C

julien

825 NW 16th Ave Portland Oregon 97209

22-008818-0003

United States of America (USA)

010307LIRBDR200\_PP

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 20 <sup>-</sup>	5 V98-6 (mod) <sup>p</sup> Unit	<b>s</b> % <b>Batch:</b> 2206386	Analyze: 7/28/22 5:16:00 PM
Analyte	As Dry	LOQ Notes		
	Received weig			CBN
CBC	0.112	0.0727		<ul> <li>Δ8-THC</li> </ul>
CBC-A	< LOQ	0.0727		CBD-A
CBC-Total	< LOQ	0.136		O CBD
CBD	8.91	0.0727		CBDV-A
CBD-A	12.0	0.0727		• CBG-A
CBD-Total	19.4	0.136		СВТ
CBDV	0.0741	0.0727		• CBC
CBDV-A	0.183	0.0727		• CBDV
CBDV-Total	0.233	0.136		
CBE	< LOQ	0.0727		
CBG	< LOQ	0.0727		
CBG-A	0.143	0.0727		
CBG-Total	< LOQ	0.136		
CBL	< LOQ	0.0727		
CBL-A	< LOQ	0.0727		
CBL-Total	< LOQ	0.136		
CBN	37.3	0.727		
CBT	0.140	0.0727		
∆8-THC	29.7	0.727		
∆8-THCV	< LOQ	0.0727		
∆9-THC	< LOQ	0.0727		
exo-THC	< LOQ	0.0727		
THC-A	< LOQ	0.0727		
THC-Total	< LOQ	0.136		
THCV	< LOQ	0.0727		
THCV-A	< LOQ	0.0727		
THCV-Total	< LOQ	0.136		
Total Cannabinoids	88.6			

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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>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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olumbia ABORATORIES A Altertamas Company

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

Revision: 4.00 Controlit: CP023 Rev 02/34/2031 EP: 03/04/2021 ORD.4PID-06020208

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Company: The Hemp Collect Content kyle@thehempcollect.co Street 431 NW Flanders st. Dry: Portland State OR Day D time! Results: dropbox (IHC) Ph: (610.6081643D fx Results: [] Sting (I afferent joel@thehempcolle	97209	- OR 52 compounds	atrick Mult Readue - 373 perpendia		tester schul Schertu	i & Wotes Autority		Alexa : Vesael and Medd	pro: £.ColiumETstal Colliform	ey Metter			Project Number: Project Name: Custom Reporting: Report to State : [] METRC or [] Other: Tumenound time: [] S Business Day Systemater' ] 3 Business Day Systemater' [] 2 Societies Day Systemater' https://www.senses.com/			
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010307LIRBDR200_0	and the second second	-	-	_	X.	_	_	_	-	_						
010307LIRBDR200_PP	<u> </u>		_		X	L										
0103FTS100_BK_Phil					Χ.											
0103FTS100_SL_RSP	D				x											
0103FTS100_SH_RSP	D				Χ.											
0103FTS100_SuzieG					x											
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0				-			-			-			-	-		
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to-	7ns	12743		P	Ų									Serepta in good condition: D Yes  D No D Cash   D Check   D CC   D Nee Prekaj storage		

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13423 NE Wheelow Way Periland, DR (V318

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

			Lai	orator	Quality Cor	ntrol Resu	ilts			
J AOAC 2015 V98-6	AOAC 2015 V98-6 Batch ID: 2206386									
Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Liı	mits	Evaluation	Notes	
CBDVA	1	0.101	0.100	%	101	80.0	- 120	Acceptable		
CBDV	1	0.111	0.100	%	111	80.0	- 120	Acceptable		
CBE	1	0.100	0.100	%	100	80.0	- 120	Acceptable		
CBDA	1	0.0999	0.0961	%	104	90.0	- 110	Acceptable		
CBGA	1	0.0978	0.0942	%	104	80.0	- 120	Acceptable		
CBG	1	0.107	0.104	%	103	80.0	- 120	Acceptable		
CBD	1	0.117	0.112	%	104	90.0	- 110	Acceptable		
THCV	1	0.0998	0.100	%	99.8	80.0	- 120	Acceptable		
d8THCV	1	0.101	0.100	%	101	80.0	- 120	Acceptable		
THCVA	1	0.0949	0.100	%	94.9	80.0	- 120	Acceptable		
CBN	1	0.108	0.106	%	102	90.0	- 110	Acceptable		
exo-THC	1	0.0962	0.100	%	96.2	80.0	- 120	Acceptable		
d9THC	1	0.107	0.111	%	96.9	90.0	- 110	Acceptable		
d8THC	1	0.100	0.105	%	96.1	90.0	- 110	Acceptable		
CBL	1	0.0918	0.100	%	91.8	80.0	- 120	Acceptable		
CBC	1	0.0995	0.100	%	99.5	80.0	- 120	Acceptable		
THCA	1	0.0916	0.0891	%	103	90.0	- 110	Acceptable		
CBCA	1	0.0994	0.100	%	99.4	80.0	- 120	Acceptable		
CBLA	1	0.102	0.100	%	102	80.0	- 120	Acceptable		
CBT	1	0.0963	0.100	%	96.3	80.0	- 120	Acceptable		

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

Abbreviations

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





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

			La	boratory	Quality Cor	ntrol Results				
J AOAC 2015 V98-6	Batch ID: 2206386									
Sample Duplicate	Sample ID: 22-008365-0003-01									
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes		
CBDVA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable			
CBDV	29.1	29.6	0.077	%	1.78	< 20	Acceptable			
CBE	6.02	5.80	0.077	%	3.78	< 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	9.81	9.43	0.077	%	4.02	< 20	Acceptable			
CBD	40.6	39.9	0.077	%	1.68	< 20	Acceptable			
THCV	0.0907	0.0816	0.077	%	10.6	< 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	<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><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	0.158	0.159	0.077	%	0.670	< 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	<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			

#### Abbreviations

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

LOQ - Limit of Quantitation

Units of Measure:

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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
В	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

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 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

**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 (AS-TT+ASTHC)         ND         ND         ND           Total THC (THCa*0.877 + Δ8THC)         ND         ND         ND           Total CBG (EBGa*0.877 + CB)         ND         ND<	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)         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 + 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 <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

# 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



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