



Report Number:	23-000531/D004.R000
Report Date:	01/17/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/13/23 09:03

Customer:	IHC LLC
Product identity:	Live D8 GMY_AT
Client/Metrc ID:	
Laboratory ID:	23-000531-0003

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Analyte per 3.3g	Result L	imits	Units	Status	CBD-Total per Serving Size 4.59 mg/3.3g
CBC-A per 3.3g	0.194		mg/3.3g		
CBD per 3.3g	0.947		mg/3.3g		
CBD-A per 3.3g	4.16		mg/3.3g		THC-Total per Serving Size <loq< td=""></loq<>
CBG-A per 3.3g	0.155		mg/3.3g		(Reported in milligrams per serving)
∆8-THC per 3.3g	24.6		mg/3.3g		(hepoted in minigrams per serving)
THC-A per 3.3g	0.147		mg/3.3g		

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



IHC LLC

.

No

18.3

client

3.3 g

825 NW 16th Ave Portland Oregon 97209

Live D8 GMY_AT

23-000531-0003

United States of America (USA)

Customer:

Product identity:

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

Serving Size #1:

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



Report Number:	23-000531/D004.R000
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COLLECT

Sample Results

Potency per 3.3g	Method: J AOAC 2015	V98-6 (mod) ^þ	Units mg/se Bat	ch: 2300500	Analyze: 1/16/23 11:03:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 3.3g	< LOQ		mg/3.3g	0.104	
CBC-A per 3.3g	0.194		mg/3.3g	0.104	
CBC-Total per 3.3g	< LOQ		mg/3.3g	0.194	
CBD per 3.3g	0.947		mg/3.3g	0.104	
CBD-A per 3.3g	4.16		mg/3.3g	0.104	
CBD-Total per 3.3g	4.59		mg/3.3g	0.194	
CBDV per 3.3g	< LOQ		mg/3.3g	0.104	
CBDV-A per 3.3g	< LOQ		mg/3.3g	0.104	
CBDV-Total per 3.3g	< LOQ		mg/3.3g	0.193	
CBE per 3.3g	< LOQ		mg/3.3g	0.104	
CBG per 3.3g	< LOQ		mg/3.3g	0.104	
CBG-A per 3.3g	0.155		mg/3.3g	0.104	
CBG-Total per 3.3g	< LOQ		mg/3.3g	0.193	
CBL per 3.3g	< LOQ		mg/3.3g	0.104	
CBL-A per 3.3g	< LOQ		mg/3.3g	0.104	
CBL-Total per 3.3g	< LOQ		mg/3.3g	0.194	
CBN per 3.3g	< LOQ		mg/3.3g	0.104	
CBT per 3.3g	< LOQ		mg/3.3g	0.104	
∆8-THCV per 3.3g	< LOQ		mg/3.3g	0.104	
∆10-THC-9R per 3.3g	< LOQ		mg/3.3g	0.104	
∆8-THC per 3.3g	24.6		mg/3.3g	0.104	
∆9-THC per 3.3g	< LOQ		mg/3.3g	0.104	
exo-THC per 3.3g	< LOQ		mg/3.3g	0.104	
THC-A per 3.3g	0.147		mg/3.3g	0.104	
THC-Total per 3.3g	< LOQ		mg/3.3g	0.194	
THCV per 3.3g	< LOQ		mg/3.3g	0.104	
THCV-A per 3.3g	< LOQ		mg/3.3g	0.104	
THCV-Total per 3.3g	< LOQ		mg/3.3g	0.194	
Total Cannabinoids per 3.	3g 30.5		mg/3.3g		

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



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



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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.

^b = ISO/IEC 17025:2017 accredited method.

Units of Measure

g = g mg/3.3g = Milligram per 3.3g % = Percentage of sample % wt = $\mu g/g$ divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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requirements of NELAP and the Columbia Laboratories quality assurance plan Test results relate only to the parameters tested and to the samples as received by the 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





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-00	Ciert Sample Identification	Date	Time	3	2	X	à.	Å.	E.	2	1	4	i	ă.	Type † C	(Units)	Sample #3. Heport In
1.1.1	Live D9 GMY in_KO			_	-	-	-	-	_	_	_		_		c		mg_analyte per 3.3 g sample
			-		_	×			_				_	-	-	1	size
	Live D8 GMY _ AT					x									E		
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															Sample in	good condit Check C	bor: \$P\$m C) No

1 - Sample Type Codes: Vegetation (v) _ isolates (b) ; Estract/Concentrate (C); Enclare/Topical (T); Edible (C); Beverage (b);

Resplex subarts of the Calmarine Laboration with testing requirements considers on agree wet for average location back with the current takes of semile associated with the COC. By signing "Adopted by "som an agreeing to like a takes P. (303) 254 3794 3 Aur (303) 254 3452

13423 N2 Wittelser 19th Postand, CR 902360

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Report Date:	01/17/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/13/23 09:03

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

J AOAC 2015 V98	-6									
Laboratory Contr	ol Sample					atch ID:				
Analyte	LCS	Result	Spike	Units	% Rec		Limits		Evaluation	Notes
CBDVA	2	0.0336	0.033	%	101	80.0	-	120	Acceptable	
CBDV	2	0.0357	0.035	%	101	80.0	-	120	Acceptable	
CBE	2	0.0342	0.035	%	97.8	80.0	-	120	Acceptable	
CBDA	1	0.0337	0.032	%	105	90.0	-	110	Acceptable	
CBGA	1	0.0337	0.032	%	105	80.0	-	120	Acceptable	
CBG	1	0.0347	0.033	%	106	80.0	-	120	Acceptable	
CBD	1	0.0342	0.032	%	105	90.0	-	110	Acceptable	
THCV	2	0.0355	0.035	%	100	80.0	-	120	Acceptable	
18THCV	2	0.0351	0.034	%	102	80.0	-	120	Acceptable	
THCVA	2	0.0327	0.033	%	99.2	80.0	-	120	Acceptable	
CBN	1	0.0358	0.034	%	106	80.0	-	120	Acceptable	
xo-THC	2	0.0321	0.032	%	99.1	80.0	-	120	Acceptable	
19THC	1	0.0360	0.035	%	103	90.0	-	110	Acceptable	
18THC	1	0.0328	0.033	%	98.1	90.0	-	110	Acceptable	
CBL	2	0.0341	0.035	%	98.8	80.0	-	120	Acceptable	
110THC	1	0.0159	0.016	%	101	80.0	-	120	Acceptable	
CBC	2	0.0344	0.035	%	99.3	80.0	-	120	Acceptable	
THCA	1	0.0344	0.032	%	109	90.0	-	110	Acceptable	
CBCA	2	0.0345	0.034	%	100	80.0	-	120	Acceptable	
CBLA	2	0.0354	0.035	%	101	80.0	-	120	Acceptable	
CBT	2	0.0344	0.035	%	98.0	80.0	-	120	Acceptable	
Method Blank										
Analyte		esult	LOQ		Units		Limits		Evaluation	Notes
CBDVA		LOQ	0.003		%		0.003		Acceptable	
CBDV		LOQ	0.003		%		0.003		Acceptable	
CBE		LOQ	0.003		%		0.003		Acceptable	
CBDA		LOQ	0.003		%		0.003		Acceptable	
CBGA		LOQ	0.003		%		0.003		Acceptable	
CBG		LOQ	0.003		%		0.003		Acceptable	
CBD		LOQ	0.003		%		0.003		Acceptable	
HCV		LOQ	0.003	1	%		0.003		Acceptable	
18THCV		LOQ	0.003		%		0.003		Acceptable	
THCVA		LOQ	0.003	_	%		0.003		Acceptable	
CBN		LOQ	0.003	1	%		0.003		Acceptable	
exo-THC		LOQ	0.003	1	%		0.003		Acceptable	
19THC		LOQ	0.003	_	%		0.003		Acceptable	
18THC		LOQ	0.003	1	%		0.003		Acceptable	
BL		LOQ	0.003	1	%		0.003		Acceptable	
110THC		LOQ	0.003		%		0.003		Acceptable	
CBC		LOQ	0.003	_	%		0.003		Acceptable	
THCA		LOQ	0.003	1	%		0.003		Acceptable	
CBCA		LOQ	0.003	1	%		0.003		Acceptable	
CBLA		LOQ LOQ	0.003		%		0.003		Acceptable Acceptable	
CBT										

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

Units of Measure: % - Percent

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

			La	boratory	Quality Cont	rol Results		
J AOAC 2015 V98-6					Bat	ch ID: 2300500		
Sample Duplicate					Sam	ole ID: 22-013846	0004	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBDV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBE	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBDA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBGA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBG	0.0076	0.0076	0.003	%	0.767	< 20	Acceptable	
CBD	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
d8THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
THCVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBN	0.0032	0.0032	0.003	%	0.705	< 20	Acceptable	
exo-THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
d9THC	0.252	0.252	0.003	%	0.0426	< 20	Acceptable	
d8THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBL	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
d10THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBC	0.0105	0.0112	0.003	%	6.59	< 20	Acceptable	
THCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBLA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBT	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	

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

LOQ - Limit of Quantitation

Units of Measure:

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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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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 + 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) Y45.60 945.60 Y45.60 Y45.60 Total CBG (CBGa*0.877 + CB) ND ND ND ND ND 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



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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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