

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**

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 6.60%. 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 (+)-8-THC or d9-THC. At this time there are no reference standards available for (+)-8-THC. (+)-8-THC is a different compound from the main (-)-8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and d9-THC with the majority, if not all, of the concentration being (+)-8-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 **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabinol (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
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	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
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

UI Not Identified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

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

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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
Imazail	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	Paclbutrazol	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	0.05	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
Clofentazine	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	Fonicamid	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  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

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

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



**Report Number:** 22-001139/D024.R000  
**Report Date:** 02/08/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/31/22 16:12

**Customer:** IHC LLC  
**Product identity:** 0107LIRBDR200\_PP  
**Client/Metric ID:** .  
**Laboratory ID:** 22-001139-0027

### Summary

**Potency:**

Analyte	Result (%)			
CBN	40.1			
CBD	36.1			
CBD-A	6.30			
CBE†	4.42			
CBC	1.07			
CBG†	0.959			
CBT†	0.812			
CBDV†	0.272			
Δ8-THC†	0.164			
THC-A	0.162			
CBG-A†	0.152			
CBL†	0.149			
				CBD-Total 41.6%
				THC-Total <LOQ
			(Reported in percent of total sample)	



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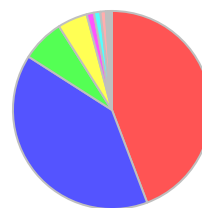
**Customer:** IHC LLC  
825 NW 16th Ave  
Portland Oregon 97209  
United States of America (USA)

**Product identity:** 0107LIRBDR200\_PP  
**Client/Metric ID:** .  
**Sample Date:** .  
**Laboratory ID:** 22-001139-0027  
**Evidence of Cooling:** No  
**Temp:** 20.3 °C  
**Relinquished by:** Client



### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2201015	Analyze: 2/3/22 12:56:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	1.07		0.0966			
CBC-A†	< LOQ		0.0966			
CBC-Total†	1.07		0.181			
CBD	36.1		0.966			
CBD-A	6.30		0.0966			
CBD-Total	41.6		1.05			
CBDV†	0.272		0.0966			
CBDV-A†	< LOQ		0.0966			
CBDV-Total†	0.272		0.180			
CBE†	4.42		0.0966			
CBG†	0.959		0.0966			
CBG-A†	0.152		0.0966			
CBG-Total	1.09		0.180			
CBL†	0.149		0.0966			
CBL-A†	< LOQ		0.0966			
CBL-Total†	< LOQ		0.181			
CBN	40.1		0.966			
CBT†	0.812		0.0966			
Δ8-THC†	0.164		0.0966			
Δ8-THCV	< LOQ		0.0966			
Δ9-THC	< LOQ		0.0966			
THC-A	0.162		0.0966			
THC-Total	< LOQ		0.181			
THCV†	< LOQ		0.0966			
THCV-A†	< LOQ		0.0966			
THCV-Total†	< LOQ		0.180			
<b>Total Cannabinoids†</b>	<b>90.7</b>					



- CBN
- CBG-A
- CBD
- CBL
- CBD-A
- CBE
- CBC
- CBG
- CBT
- CBDV
- Δ8-THC
- THC-A

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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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.

† = Analyte not NELAP accredited.

**Units of Measure**

% = Percentage of sample

% wt =  $\mu\text{g/g}$  divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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 503-254-1794

Report Number: 22-001139/D024.R000  
 Report Date: 02/08/2022  
 ORELAP#: OR100028  
 Purchase Order:  
 Received: 01/31/22 16:12



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

Revision: 4.00 Control: CP023 Rev 02/24/2021 Eff: 03/04/2021  
 ORELAPID: ORS00028

Company: IHC Contact: Kyle Farook Street: 431 NW Flanders st. City: Portland State: OR Zip: 97209 <input type="checkbox"/> Email Results: dropbox Ph: (503) 6061094 <input type="checkbox"/> Fax Results: _____ Billing (if different): beth@thehempcollect.com				<b>Analysis Requested</b> <input type="checkbox"/> Pesticides - OR 50 compounds <input type="checkbox"/> Pesticide Multi-Residue - 378 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other: _____										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> Sampled by: _____			
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 50 compounds	Pesticide Multi-Residue - 378 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Sample Type †	Weight (Units)	Comments/Metric ID
1	010030506LIRVAP200_PV	1/31				X									C		
2	010030506LIRVAP200_TS	1/31				X									C		
3	010307LIRVAP200_OGK	1/31				X									C		
4	010307LIRVAP200_Vanna	1/31				X									C		
5	010307LIRVAP200_hava	1/31				X									C		
6	010307LIRVAP200_PP	1/31				X									C		
7	01LIRVAP200_ST	1/31				X									C		
8	01LIRVAP200_SG	1/31				X									C		
9	01LIRVAP200_PB	1/31				X									C		
10	01LIRVAP200_OG	1/31				X									C		
Relinquished by:		Date	Time	Received by:		Date	Time	Lab Use Only:									
Kyle Farook		1/31	4:30	[Signature]		1/31/22	16:12	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes (-45 F to - Temp [°C]) <u>20.3</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Prelog storage: _____									

† - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

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P: (503) 254-1794 | Fax: (503) 254-1452  
 info@columbialaboratories.com

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**Report Number:** 22-001139/D024.R000  
**Report Date:** 02/08/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/31/22 16:12



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

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021  
ORELAP ID: OR100028

Company: <b>IHC</b> Contact: <b>Kyle Farook</b> Street: <b>431 NWlanders st.</b> City: <b>Portland</b> State: <b>OR</b> Zip: <b>97209</b> <input type="checkbox"/> Email Results: <b>dropbox</b> Ph: (503) 6091654 <input type="checkbox"/> Fax Results: ( ) Billing (if different): <b>beth@thehempcollect.com</b>				<b>Analysis Requested</b> <input type="checkbox"/> Particles - OR 50 compounds <input type="checkbox"/> Post-Mix Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpene <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E. Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Microplastic <input type="checkbox"/> Other:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>			
Lab ID	Client Sample Identification	Date	Time	Particles - OR 50 compounds	Post-Mix Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpene	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Microplastic	Other:	Sample Type	Weight (Units)	Comments/Metric ID
11	0107LIRVAP200...RPM	1/31				X									C		
12	0102056LIRVAP200...TG	1/31				X									C		
13	0105LIRSUG200...SP	1/31				X									C		
14	0105LIRSUG200...SG	1/31				X									C		
15	0105LIRSUG200...66-K	1/31				X									C		
16	0105LIRSUG200...PS	1/31				X									C		
17	0102056LIRVAP200...PW	1/31				X									C		
18	0102056LIRVAP200...PW	1/31				X									C		
19	0102056LIRVAP200...FW	1/31				X									C		
20	0102056LIRVAP200...TG	1/31				X									C		
Requested by:		Date	Time	Received by:		Date	Time	Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>20.3</u> Sample in good condition: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Freezing storage: _____									

T - Sample Type Codes: Vegetative (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories will remain the property of the client until the analysis is complete. An agreement for services is available with the contract terms of service associated with this COC. By signing "Requested by" you are agreeing to the terms.  
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 www.columbiaboratories.com



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

Revision: 4.00 Control#: CP023 Rev 02/24/2021 Eff: 02/04/2021  
ORELAP ID: OR100028

Company: <u>IHC</u> Contact: <u>Kyle Farook</u> Street: <u>431 NW Flanders St.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input type="checkbox"/> Email Results: <u>dropbox</u> Ph: (503) <u>608164</u> <input type="checkbox"/> Fax Results: [ ] Billing (if different): <u>beith@thehempcollect.com</u>				<b>Analysis Requested</b> <input type="checkbox"/> Pesticides - OR 38 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Alcohols: Yeast and Molds <input type="checkbox"/> Alkalis: Total and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Others:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State: <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>		
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 38 compounds	Pesticide Multi-Residue - 379 compounds	Solvents	Moisture & Water Activity	Terpenes	Alcohols: Yeast and Molds	Alkalis: Total and Total Coliform	Heavy Metals	Mycotoxins	Others	Sample Type 1	Weight (UNITS)	Comments/Metric ID
21	010807LIRBOR200-06K	1/31				X								C		
22	01LIR506200-SF	1/31				X								C		
23	01LIR506200-PB	1/31				X								C		
24	01LIR506200-06	1/31				X								C		
25	01020506LIRBOR200-TB	1/31				X								C		
26	0107LIRBOR200-06K	1/31				X								C		
27	0107LIRBOR200-PP	1/31				X								C		
28	01LIRCRM200-PB	1/31				X								C		
29	01LIRCRM200-SF	1/31				X								C		
30	0105FLTBMCL-FV	1/31				X		X						V		
Released By:			Date:	Time:	Received By:			Date:	Time:	Lab Use Only:						
Kyle Farook			1/31	4:30	<i>Jmw</i>			1/31/22	16:17	<input type="checkbox"/> Shipped Via: _____ of <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>20.3</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage: _____						

\* - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extracts/Concentrates (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with Oregon regulations compliance are guaranteed for services in accordance with the current terms of service associated with this COC. By signing "Released By" you are agreeing to these terms  
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12423 NE Whitaker Way  
Portland, OR 97230  
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**Report Number:** 22-001139/D024.R000  
**Report Date:** 02/08/2022  
**ORELAP#:** OR100028  
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**Laboratory Quality Control Results**

**J AOAC 2015 V98-6 Batch ID: 2200964;2201015**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.182	0.198	%	92.1	85.0 - 115	Acceptable	
CBDV	0.206	0.205	%	101	85.0 - 115	Acceptable	
CBE	0.190	0.200	%	94.8	85.0 - 115	Acceptable	
CBDA	0.212	0.200	%	106	85.0 - 115	Acceptable	
CBGA	0.186	0.200	%	92.9	85.0 - 115	Acceptable	
CBG	0.189	0.205	%	92.4	85.0 - 115	Acceptable	
CBD	0.207	0.200	%	103	85.0 - 115	Acceptable	
THCV	0.183	0.203	%	90.1	85.0 - 115	Acceptable	
d8THCV	0.185	0.200	%	92.5	85.0 - 115	Acceptable	
THCVA	0.173	0.192	%	89.9	85.0 - 115	Acceptable	
CBN	0.217	0.200	%	108	85.0 - 115	Acceptable	
exo-THC	0.173	0.200	%	86.3	85.0 - 115	Acceptable	
d9THC	0.197	0.200	%	98.5	85.0 - 115	Acceptable	
d8THC	0.185	0.201	%	91.9	85.0 - 115	Acceptable	
CBL	0.171	0.192	%	89.4	85.0 - 115	Acceptable	
CBC	0.188	0.211	%	89.1	85.0 - 115	Acceptable	
THCA	0.201	0.200	%	101	85.0 - 115	Acceptable	
CBCA	0.189	0.204	%	92.7	85.0 - 115	Acceptable	
CBLA	0.204	0.200	%	102	85.0 - 115	Acceptable	
CBT	0.183	0.200	%	91.4	85.0 - 115	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<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



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**Laboratory Quality Control Results**

J AOAC 2015 V98-6		Batch ID: 2200964;2201015						
Sample Duplicate		Sample ID: 22-001016-0003						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.366	0.353	0.1	%	3.48	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	65.4	63.4	0.1	%	3.24	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.414	0.405	0.1	%	2.22	< 20	Acceptable	

**Abbreviations**

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

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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	Quantitation level raised due to matrix interference.
B	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.