



This report cannot be used for ODA, OHA or OLCC compliance requirements.

**Product identity:** MS-KS-3-2  
**Laboratory ID:** 19-004365-0001

**Client/Metric ID:** .  
**Sample Date:** 04/18/19 13:00

**Summary**

**Potency:**

Analyte	Result (%)		
CBD	66.7		CBD-Total 66.7%
CBC <sup>†</sup>	3.14		THC-Total 1.96%
Δ9-THC	1.96		(Reported in percent of total sample)
CBG <sup>†</sup>	0.948		
CBN	0.267		
CBDV <sup>†</sup>	0.261		



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**Customer:** Klersun  
3448 NE Broadway St  
Portland Oregon 97232  
United States

**Product identity:** MS-KS-3-2

**Client/Metric ID:** .

**Sample Date:** 04/18/19 13:00

**Laboratory ID:** 19-004365-0001

**Temp:** 23.3 °C

**Relinquished by:** Received by mail

**Weight Received:** 3 g

### Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1903480	Analyze 04/23/19 06:01 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC†	3.14		0.0894		<ul style="list-style-type: none"> <li>● CBD</li> <li>● CBC</li> <li>● 9-THC</li> <li>● CBG</li> <li>● CBN</li> <li>● CBDV</li> </ul>	
CBC-A†	< LOQ		0.0894			
CBC-Total†	3.14		0.188			
CBD	66.7		0.894			
CBD-A	< LOQ		0.0894			
CBD-Total	66.7		0.188			
CBDV†	0.261		0.0894			
CBDV-A†	< LOQ		0.0894			
CBDV-Total†	0.261		0.187			
CBG†	0.948		0.0894			
CBG-A†	< LOQ		0.0894			
CBG-Total†	0.948		0.188			
CBL†	< LOQ		0.0894			
CBN	0.267		0.0894			
Δ8-THC†	< LOQ		0.0894			
Δ9-THC	1.96		0.0894			
THC-A	< LOQ		0.0894			
THC-Total	1.96		0.187			
THCV†	< LOQ		0.0894			
THCV-A†	< LOQ		0.0894			
THCV-Total†	< LOQ		0.187			



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**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

**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**

g = Gram

% = Percentage of sample

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

Approved Signatory

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Derrick Tanner  
General Manager



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

**Cannabis Chain of Custody Record**

ORELAP ID: OR100028

Company: <b>Klersun LLC</b>		<b>Analysis Requested</b>										Purchase Order Number:			
Contact: <b>Samantha Stewart</b>		Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Project Number:	
Address: <b>3448 NE Broadway St</b>														Project Name:	
Email: <b>samantha@klersun.com</b>														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30	
Phone: <b>877-767-4367</b> Fax:														Other:	
Processor's License: <b>AG-R1050861IHH</b>														Matrix	Weight
Field ID	Date/Time Collected														
MS-KS-3-2	4-18 1:00pm		X			Raw Extract	3g		Rush Please						
MS-KS-3-1	4-18 1:00pm		X			Raw Extract	3g		Rush Please						

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input type="checkbox"/> Standard (5 day)	<i>[Signature]</i>	4/18/19	1:40 pm	<i>[Signature]</i>	4/19/19	11:00	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input checked="" type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: <b>23.3</b>
							Shipped Via: <b>FedEx</b>
							Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM  
Revision: 1.02 Control#: CF023  
Effective 01/31/2019 Revised 01/31/2019 [www.pixislabs.com](http://www.pixislabs.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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



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Revision: 1.02 Control#: CF03  
Effective 01/31/2019 Revised 01/31/2019

[www.pixislabs.com](http://www.pixislabs.com)

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**PRICING AND CHARGES**  
Fees to be charged for work performed for CUSTOMER are those currently published in the Columbia Food Laboratories, Inc. DBA Pixis Labs (herein referred to as "the LAB"). CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or all disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

**DELIVERY AND LIABILITY LIMITATIONS**  
The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 15 days. If additional time is desired, then a written request is required and an additional monthly fee will apply. This price quote is only valid for one year after initial quote date.

**CONFIDENTIALITY**  
The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

**LIMITATION OF LIABILITY AND WARRANTY**  
The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

**PAST DUE ACCOUNTS**  
Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1.5% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

**EXPERT TESTIMONY AND COURT APPEARANCES**  
In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

**ALTERNATIVE DISPUTE RESOLUTION (ADR)**  
Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

**APPLICABLE LAW**  
Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws.

12423 NE Whitaker Way Portland OR 97230 p.503-254-1794  
Cannabis Chain of Custody Record

**PIXIS Labs**  
A Tentamus Company

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Explain any discrepancies:

16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf Other: 233C

15) Temperature of the samples upon receipt (See SOP for proper temps)

14) Was a sufficient amount of sample sent in each sample container?  
YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)?  
YES NO NA

12) Were correct sample containers used for the tests indicated?  
YES NO NA

11) Did all sample container labels and tags agree with the coc?  
YES NO NA

10) Were all sample container labels complete?  
YES NO NA

9) Did all sample containers arrive in good condition?  
YES NO NA

8) Were all sample containers sealed in separate plastic bags?  
YES NO NA

7) Was sufficient ice used (if appropriate)?  
What kind? Blue Ice Ice Cooler Packs Dry Ice  
YES NO NA

6) What kind of packing material was used?  
Peanuts Bubble Wrap Foam Paper Other:

5) How was the package/cooling delivered?  
Tracking Number (written in or copy of shipping label): 7750 1037 9228  
UPS FEDDEX USPS CLIENT COURIER OTHER:

4) Did you sign custody papers in the appropriate place?  
YES NO NA

3) Were custody papers properly filled out (ink, sign, date)?  
YES NO NA

2) Were custody papers included in the package/cooling?  
YES NO NA

1) Were custody seals on outside of the package/cooling?  
If YES, how many and where? YES NO NA  
Were signature and date correct? YES NO NA

Received By (Initials): JD

Package/Cooling opened on (if different than received date/time) Date: 4/19/19 Time: 11:00

Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

COLUMBIA FOOD LABORATORIES, INC. A Tentamus Company  
Columbia Food/PIXIS Labs Sample Receipt Form  
Revision: 0.01 Document Control: CP015  
Revised: 04/19/2018 Effective: 04/19/2018



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**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 1903480**

Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDV-A	0.189	0.2	%	94.5	85 - 115	Acceptable		
CBDV	0.198	0.2	%	99.0	85 - 115	Acceptable		
CBD-A	0.193	0.2	%	96.5	85 - 115	Acceptable		
CBG-A	0.191	0.2	%	95.5	85 - 115	Acceptable		
CBG	0.199	0.2	%	99.5	85 - 115	Acceptable		
CBD	0.188	0.2	%	94.0	85 - 115	Acceptable		
THCV	0.188	0.2	%	94.0	85 - 115	Acceptable		
THCVA	0.184	0.2	%	92.0	85 - 115	Acceptable		
CBN	0.200	0.2	%	100	85 - 115	Acceptable		
THC	0.186	0.2	%	93.0	85 - 115	Acceptable		
D8THC	0.177	0.2	%	88.5	85 - 115	Acceptable		
CBL	0.177	0.2	%	88.5	85 - 115	Acceptable		
CBC	0.199	0.2	%	99.5	85 - 115	Acceptable		
THCA	0.187	0.2	%	93.5	85 - 115	Acceptable		
CBCA	0.183	0.2	%	91.5	85 - 115	Acceptable		

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.1	%	< 0.1	Acceptable	
CBDV	ND	0.1	%	< 0.1	Acceptable	
CBD-A	ND	0.1	%	< 0.1	Acceptable	
CBG-A	ND	0.1	%	< 0.1	Acceptable	
CBG	ND	0.1	%	< 0.1	Acceptable	
CBD	ND	0.1	%	< 0.1	Acceptable	
THCV	ND	0.1	%	< 0.1	Acceptable	
THCVA	ND	0.1	%	< 0.1	Acceptable	
CBN	ND	0.1	%	< 0.1	Acceptable	
THC	ND	0.1	%	< 0.1	Acceptable	
D8THC	ND	0.1	%	< 0.1	Acceptable	
CBL	ND	0.1	%	< 0.1	Acceptable	
CBC	ND	0.1	%	< 0.1	Acceptable	
THCA	ND	0.1	%	< 0.1	Acceptable	
CBCA	ND	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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J AOAC 2015 V98-6		Batch ID: 1903480						
Sample Duplicate		Sample ID: 19-004250-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	0.383	0.383	0.1	%	0	< 20	Acceptable	
CBD-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG	ND	ND	0.1	%	0	< 20	Acceptable	
CBD	85.3	85.2	0.1	%	0.117	< 20	Acceptable	
THCV	ND	ND	0.1	%	0	< 20	Acceptable	
THCVA	ND	ND	0.1	%	0	< 20	Acceptable	
CBN	ND	ND	0.1	%	0	< 20	Acceptable	
THC	ND	ND	0.1	%	0	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	0.138	0.133	0.1	%	3.69	< 20	Acceptable	
CBC	ND	ND	0.1	%	0	< 20	Acceptable	
THCA	ND	ND	0.1	%	0	< 20	Acceptable	
CBCA	ND	ND	0.1	%	0	< 20	Acceptable	

**Abbreviations**

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

**Units of Measure:**

% - Percent





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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
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.