Columbia LABORATORIES
A Tentamus Company

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

REPORT Number: 22-006806/D006.R000
Report Date: 06/16/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/10/22 15:05

Customer: HH Processing
Product identity: 2022-0479 Mango Holief Ease
Client/Metrc ID: .
Laboratory ID: 22-006806-0001

Summary

Potency:

Analyte per 4.1g	Result	Limits	Units	Status		
CBD per 4.1g	14.4		mg/4.1g		CBD-Total per 4.1g	14.4 mg/4.1g
CBG per 4.1g[†]	18.3		mg/4.1g			
CBN per 4.1g	4.76		mg/4.1g		THC-Total per 4.1g	<LOQ
Δ9-THC per 4.1g	0.140		mg/4.1g		(Reported in milligrams per serving)	

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Product identity: 2022-0479 Mango Holief Ease
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-006806-0001
Evidence of Cooling: No
Temp: 21.5 °C
Relinquished by: USPS
Serving Size #1: 4.1 g

Sample Results

Potency per 4.1g	**Method** J AOAC 2015 V98-6 (mod)	**Units** mg/se	**Batch:** 2205105		**Analyze:** 6/15/22 9:47:00 AM
Analyte	**Result**	**Limits**	**Units**	**LOQ**	**Notes**
CBD per 4.1g	14.4		mg/4.1g	0.136	
CBD-A per 4.1g	< LOQ		mg/4.1g	0.136	
CBD-Total per 4.1g	14.4		mg/4.1g	0.256	
CBG per 4.1g†	18.3		mg/4.1g†	0.136	
CBG-A per 4.1g†	< LOQ		mg/4.1g	0.136	
CBG-Total per 4.1g†	18.3		mg/4.1g	0.255	
CBN per 4.1g	4.76		mg/4.1g	0.136	
Δ8-THC per 4.1g†	< LOQ		mg/4.1g	0.136	
Δ9-THC per 4.1g	0.140		mg/4.1g	0.136	
THC-A per 4.1g	< LOQ		mg/4.1g	0.136	
THC-Total per 4.1g	< LOQ		mg/4.1g	0.256	

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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

g = g
mg/4.1g = Milligram per 4.1g
% = Percentage of sample
% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

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Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody Record
ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

Document Control ID: 2832 Revision: 5
Effective: 01/04/2022

Company: HH Processors
Contact: Justino Benitez-Nava
Address: 14708 NE 13th Ct
City: Vancouver State: WA Zip Code: 98685
☑ Email Results: jbenitez@igcinc.us
☐ Ph: (360) - 989-5084
Billing Contact (if different)
Name: _____ Email: billing@igcinc.us
Address: _____
City: _____ State: ____ Zip: ____
Ph: (___) - _____

PO Number: _____
Project ID: _____
Batch ID: _____
Sampled by: J Benitez
Custom Reporting:

Source Material: ☑ - Ind. Hemp product | ☐ - Rec. Cannabis
Reporting Type: ☐ - Compliance | ☑ - R&D
Report to: ☐ - METRC | ☐ - ODA | ☐ - USDA |
☐ - Other:

Turnaround time (TAT - Business Days):
☒ - 5BD | ☐ - 3BD* | ☐ - 2BD*
*Check for availability

Analysis Requested

Column header (vertical): Potency H0014

Lab ID	Client Sample Identification	Sample date	Potency H0014	Material Type †	Weight (Units)	Comments/Metrc ID
	2022-0479 Mango HOlief Ease	6/09	X	E	mg/g	4.1g
	2022-0480 Mixed Berry HOlief Night	6/09	X	E	mg/g	4.1g
	2022-0489 Mixed Berry 25mg CBD	6/09	X	E	mg/g	4g
	2022-0490 Watermelon 25mg CBD	6/09	X	E	mg/g	4.2g
	2022-0491 Lemon Lime 25mg CBD	6/09	X	E	mg/g	4g

Signature - Relinquished By:	Date	Time	Signature - Received By:	Date	Time	Lab Use Only:
JBenitez	06/09	3:00Pm	Cu	6/6/22	1595	☑ Shipped Via: USPS or ☐ Client drop off
						Evidence of cooling: ☐ Yes	☑ No - Temp (°C): 21.5
						Sample in good condition: ☑ Yes| ☐ No _____
						Payment: ☐ Cash	☐ Check	☐ CC	☐ Net: _____
						Prelog storage:

† - **Material Type Codes:** Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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

12423 NE Whitaker Way
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Columbia LABORATORIES
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Document ID: 3177 Revision: 3
Effective: 04/26/2022
Page 1 of 1

PACKAGE RECEIVING FORM

Delivery Date: ☐ 6/6/22 ☐ Same as Opened By Date ☐ Unsure

How was the package delivered?

UPS   FEDEX   (USPS)   DHL   OTHER:_____

Tracking Number: 9400 1112 0256 8659 4663 00

CIRCLE ONE

1) Was package sealed with no evidence of holes/tampering?	(YES) NO
Further custody seal/tampering notes:_____	
2) Was packing material used?	YES (NO)
If YES: ☐ PEANUTS ☐ BUBBLE ☐ WRAP ☐ FOAM PAPER	
3) Was a Complete Chain of Custody (COC) received?	(YES) NO
Comment (PT?, Email?):_____	
4) Sample temperature upon arrival?	21.5 °C
5) Evidence of cooling?	YES (NO)
If YES, What kind? ☐ ICE ☐ FREEZER PACK ☐ DRY ICE	
Insulation? ☐ PLASTIC COOLER ☐ STYROFOAM ☐ OTHER:	
6) Were sample containers sealed in separate plastic bags/secondary containment?	(YES) NO
7) Did sample containers arrive in good condition?	(YES) NO
If NO: ☐ LEAKED ☐ BROKEN ☐ OTHER:	
If NO: Suspect contamination of other samples? ☐ YES ☐ NO	
8) Sample labels present?	(YES) NO
9) Do sample labels agree with COC?	(YES) NO
If NO, number of sample containers received:_____	

Sample pre-log location:

R39   R44   F44   R99   (CANNA SHELF)   FOOD SHELF   Other:_____

Other Notes:

Received By (initials): CH **Date:** 6/6/22 **Time:** 1505

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2205105

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	1	0.0342	0.033	%	103	80.0	-	120	Acceptable	
CBDV	1	0.0372	0.033	%	112	80.0	-	120	Acceptable	
CBE	1	0.0336	0.033	%	101	80.0	-	120	Acceptable	
CBDA	1	0.0355	0.033	%	107	90.0	-	110	Acceptable	
CBGA	1	0.0339	0.033	%	102	80.0	-	120	Acceptable	
CBG	1	0.0335	0.033	%	101	80.0	-	120	Acceptable	
CBD	1	0.0352	0.033	%	106	90.0	-	110	Acceptable	
THCV	1	0.0334	0.033	%	100	80.0	-	120	Acceptable	
d8THCV	1	0.0352	0.033	%	106	80.0	-	120	Acceptable	
THCVA	1	0.0332	0.033	%	99.5	80.0	-	120	Acceptable	
CBN	1	0.0328	0.033	%	98.5	90.0	-	110	Acceptable	
exo-THC	1	0.0303	0.033	%	90.8	80.0	-	120	Acceptable	
d9THC	1	0.0318	0.033	%	95.5	90.0	-	110	Acceptable	
d8THC	1	0.0300	0.033	%	90.0	80.0	-	120	Acceptable	
CBL	1	0.0284	0.033	%	85.1	80.0	-	120	Acceptable	
CBC	1	0.0321	0.033	%	96.4	80.0	-	120	Acceptable	
THCA	1	0.0358	0.033	%	107	90.0	-	110	Acceptable	
CBCA	1	0.0345	0.033	%	104	80.0	-	120	Acceptable	
CBLA	1	0.0314	0.033	%	94.3	80.0	-	120	Acceptable	
CBT	1	0.0283	0.033	%	84.9	80.0	-	120	Acceptable	

Method Blank

Analyte	Result	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	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	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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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2205105			
Sample Duplicate					Sample ID: **22-003135-0005**			
Analyte	**Result**	**Org. Result**	**LOQ**	**Units**	**RPD**	**Limits**	**Evaluation**	**Notes**
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0098	0.0100	0.003	%	1.19	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.132	0.132	0.003	%	0.149	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.259	0.260	0.003	%	0.594	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0044	0.0043	0.003	%	2.13	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	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.
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.