



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

Report Number: 21-009975/D002.R000
Report Date: 09/02/2021
ORELAP#: OR100028
Purchase Order: FedEx: 77464810001
Received: 08/27/21 10:00



Customer: Shyne Labs
Product identity: RAV90-94/97
Client/Metric ID: -
Laboratory ID: 21-009975-0001

Summary

Potency:

Analyte	Result (%)		
Δ8-THC*	89.1		CBD-Total <LOQ
Δ8-THCV	0.363		THC-Total <LOQ
CBT*	0.166		(Reported in percent of total sample)
CBN	0.147		



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Customer: Shyne Labs
 Monte Besselman
 480 Reasonover Dr.
 Franklin Kentucky 42134
 United States of America (USA)

Product identity: RAV90-94/97
Client/Metric ID:
Sample Date:
Laboratory ID: 21-009975-0001
Evidence of Cooling: No
Temp: 21.8 °C

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2107842	Analyze: 8/31/21 6:56:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0986		<ul style="list-style-type: none"> ● Δ8-THC ● Δ8-THCV ● CBT ● CBN 	
CBC-A [†]	< LOQ		0.0986			
CBC-Total [†]	< LOQ		0.185			
CBD	< LOQ		0.0986			
CBD-A	< LOQ		0.0986			
CBD-Total	< LOQ		0.185			
CBDV [†]	< LOQ		0.0986			
CBDV-A [†]	< LOQ		0.0986			
CBDV-Total [†]	< LOQ		0.184			
CBE [†]	< LOQ		0.0986			
CBG [†]	< LOQ		0.0986			
CBG-A [†]	< LOQ		0.0986			
CBG-Total	< LOQ		0.184			
CBL [†]	< LOQ		0.0986			
CBL-A [†]	< LOQ		0.0986			
CBL-Total [†]	< LOQ		0.185			
CBN	0.147		0.0986			
CBT [†]	0.166		0.0986			
Δ8-THC [†]	89.1		0.986			
Δ8-THCV	0.363		0.0986			
Δ9-THC	< LOQ		0.0986			
THC-A	< LOQ		0.0986			
THC-Total	< LOQ		0.185			
THCV [†]	< LOQ		0.0986			
THCV-A [†]	< LOQ		0.0986			
THCV-Total [†]	< LOQ		0.184			
Total Cannabinoids[†]	89.8					

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: DAR 333-007-0430



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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

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



Columbia Laboratories
Sample Receipt Form

Revision: 3.00 Document Control: CP2LS
Revised: 02/11/2021 Effective: 03/16/2021

Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 8-7-21 Time: 10:00

Received By (Initials): ZH Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA

If YES, how many and where? _____

Does date match collection date on COC? YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 7746 4810 0016

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other: _____

6) Was temperature upon receipt 4°C- 2°C (if appropriate)? YES NO NA

If not, client contacted: _____

Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind?

Blue Ice Ice Cooler Pads Dry Ice

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

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

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

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

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

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

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

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

Page _____ of _____



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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2107842					
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBDV	0.213	0.2	%	106	85.0 - 115	Acceptable	
CBE	0.205	0.2	%	103	85.0 - 115	Acceptable	
CBDAA	0.196	0.2	%	97.8	85.0 - 115	Acceptable	
CBGGA	0.198	0.2	%	99.1	85.0 - 115	Acceptable	
CBG	0.202	0.2	%	101	85.0 - 115	Acceptable	
CBD	0.202	0.2	%	101	85.0 - 115	Acceptable	
THCV	0.200	0.2	%	99.9	85.0 - 115	Acceptable	
dBTHCV	0.201	0.2	%	100	85.0 - 115	Acceptable	
THCVA	0.188	0.2	%	92.9	85.0 - 115	Acceptable	
CBN	0.207	0.2	%	104	85.0 - 115	Acceptable	
exo-THC	0.185	0.2	%	92.4	85.0 - 115	Acceptable	
dBTHC	0.199	0.2	%	99.3	85.0 - 115	Acceptable	
dBTHC	0.198	0.2	%	99.2	85.0 - 115	Acceptable	
CBL	0.188	0.2	%	94.0	85.0 - 115	Acceptable	
CBG	0.199	0.2	%	99.7	85.0 - 115	Acceptable	
THCA	0.190	0.2	%	94.8	85.0 - 115	Acceptable	
CBGA	0.191	0.2	%	95.4	85.0 - 115	Acceptable	
CBLA	0.194	0.2	%	97.2	85.0 - 115	Acceptable	
CBT	0.202	0.2	%	101	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	
CBDAA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGGA	<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	
dBTHCV	<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	
dBTHC	<LOQ	0.1	%	< 0.1	Acceptable	
dBTHC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<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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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2107842						
Sample Duplicate		Sample ID: 21-009903-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.486	0.486	0.1	%	0.0476	< 20	Acceptable	
CBE	0.873	0.876	0.1	%	0.417	< 20	Acceptable	
CBD4	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.285	0.286	0.1	%	0.443	< 20	Acceptable	
CBD	>98.0	>98.0	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
dBTHCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.534	0.535	0.1	%	0.114	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
dBTHC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
dBTHC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.903	0.902	0.1	%	0.105	< 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	0.859	0.860	0.1	%	0.133	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

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	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.