



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



Report Number: 22-004290/D004.R001
Report Date: 05/05/2022
ORELAP#: OR100028
Purchase Order:
Received: 04/15/22 11:33

This is an amended version of report# 22-004290/D004.R000.
Reason: Updated reporting units.

Customer: IHC LLC
Product identity: Blue Raspberry Square 0982022IHB0000353 25mg D8
Client/Metric ID: .
Laboratory ID: 22-004290-0008

Summary

Potency:

Analyte per 3.6g	Result	Limits	Units	Status	
CBC-A per 3.6g†	0.138		mg/3.6g		CBD-Total per 3.6g 5.04 mg/3.6g
CBD per 3.6g	1.98		mg/3.6g		
CBD-A per 3.6g	3.49		mg/3.6g		THC-Total per 3.6g <LOQ
CBG-A per 3.6g†	0.126		mg/3.6g		
Δ8-THC per 3.6g†	24.4		mg/3.6g		(Reported in milligrams per serving)

Microbiology:

Less than LOQ for all analytes.



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

Product identity: Blue Raspberry Square 0982022IHB0000353 25mg D8

Client/Metric ID:

Sample Date:

Laboratory ID: 22-004290-0008

Evidence of Cooling: No

Temp: 13.1 °C

Relinquished by: UPS

Serving Size #1: 3.6 g



**THE HEMP
 COLLECT**

Sample Results

Potency per 3.6g					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2203346 Analyze: 4/20/22 8:37:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 3.6g†	< LOQ		mg/3.6g	0.108	
CBC-A per 3.6g†	0.138		mg/3.6g	0.118	
CBC-Total per 3.6g†	< LOQ		mg/3.6g	0.221	
CBD per 3.6g	1.98		mg/3.6g	0.118	
CBD-A per 3.6g	3.49		mg/3.6g	0.118	
CBD-Total per 3.6g	5.04		mg/3.6g	0.221	
CBDV per 3.6g†	< LOQ		mg/3.6g	0.108	
CBDV-A per 3.6g†	< LOQ		mg/3.6g	0.108	
CBDV-Total per 3.6g†	< LOQ		mg/3.6g	0.202	
CBE per 3.6g†	< LOQ		mg/3.6g	0.108	
CBG per 3.6g†	< LOQ		mg/3.6g	0.108	
CBG-A per 3.6g†	0.126		mg/3.6g	0.118	
CBG-Total per 3.6g†	< LOQ		mg/3.6g	0.220	
CBL per 3.6g†	< LOQ		mg/3.6g	0.108	
CBL-A per 3.6g†	< LOQ		mg/3.6g	0.108	
CBL-Total per 3.6g†	< LOQ		mg/3.6g	0.203	
CBN per 3.6g	< LOQ		mg/3.6g	0.108	
CBT per 3.6g†	< LOQ		mg/3.6g	0.108	
Δ8-THCV per 3.6g†	< LOQ		mg/3.6g	0.108	
Δ8-THC per 3.6g†	24.4		mg/3.6g	0.118	
Δ9-THC per 3.6g	< LOQ		mg/3.6g	0.108	
exo-THC per 3.6g†	< LOQ		mg/3.6g	0.108	
THC-A per 3.6g	< LOQ		mg/3.6g	0.108	
THC-Total per 3.6g	< LOQ		mg/3.6g	0.203	
THCV per 3.6g†	< LOQ		mg/3.6g	0.108	
THCV-A per 3.6g†	< LOQ		mg/3.6g	0.108	
THCV-Total per 3.6g†	< LOQ		mg/3.6g	0.203	
Total Cannabinoids per 3.6g	30.1		mg/3.6g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2203255	04/18/22	AOAC 991.14 (Petrifilm)	X	
Total Coliforms	< LOQ		cfu/g	10	2203255	04/18/22	AOAC 991.14 (Petrifilm)	X	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2203256	04/19/22	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2203256	04/19/22	AOAC 2014.05 (RAPID)	X	



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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

cfu/g = Colony forming units per gram

g = g

mg/3.6g = Milligram per 3.6g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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**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: IHC Contact: Deanna Petrin Street: 751 Port America PL #425 City: Grapevine State: TX Zip: 76051 <input checked="" type="checkbox"/> Email Results: deanna@devmfg.com chris@devmfg.com chad@devmfg.com Ph: (469) 373 3200 <input type="checkbox"/> Fx Results: () Billing (if different): Dev NutraProducts				Analysis Requested Pesticides - OR 59 compounds Pesticide Multi-Residue - 379 compounds Potency Residual Solvents Moisture & Water Activity Terpenes Micro: Yeast and Mold Micro: E.Coli and Total Coliform Heavy Metals Mycotoxins Other: Visual Description										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input checked="" type="checkbox"/> 2 Business Day Rush Turnaround* *Check for availability		
Lab ID	Client Sample Identification	Date	Time											Sample Type †	Weight (Units)	Comments/Metric ID
	Blue Raspberry Square 0872022H8B0000325 25mg D8	3/29/2022				X				X	X			E	40-60g	Contains HHC D9 D8 D10 THCO CBD as noted Please report in mg/serving Serving Size is .3.3g gummy Standard Serving Sizes: D8 Squares and Bears 3.3g D9 Domes and Squares 3.75g Diamonds 5g Hearts 6g Pucks 3.3g
	Strawberry Square 0872022H8B0000324 25mg D8	3/28/2022				X				X	X			E	40-60g	
	Watermelon Square 0882022H8B0000327 25mg D8	3/29/2022				X				X	X			E	40-60g	
	Green Apple Square 1012022H8B0000356 25mg D8	4/11/2022				X				X	X			E	40-60g	
	Pink Lemonade Square 1012022H8B0000355 25mg D8	4/11/2022				X				X	X			E	40-60g	
	Mango Square 0882022H8B0000326 25mg D8	4/06/2022				X				X	X			E	40-60g	
	Strawberry Square 0982022H8B0000352 25mg D8	4/11/2022				X				X	X			E	40-60g	
	Blue Raspberry Square 0982022H8B0000353 25mg D8	4/11/2022				X				X	X			E	40-60g	
	Mango Square 0982022H8B0000354 25mg D8	4/08/2022				X				X	X			E	40-60g	
Relinquished By:		Date	Time	Received By:			Date	Time	Lab Use Only:							
Deanna Petrin		4/12/2022		DS			4/19/22	11:33	<input checked="" type="checkbox"/> Shipped Via: UPS or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 13.1°C 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 (S) ; 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
 12423 NE Whitaker Way P: (503) 254-1794 | Fax: (503) 254-1452 Page _____ of _____
 Portland, OR 97230 info@columbiaboratories.com www.columbiaboratories.com



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Document ID: 3177 Revision: 2
Effective: 06/25/2021
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Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 4/15/22 Time: 11:33

Received By (Initials): DS 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): 1Z 078 27A 1Z 2280 4939

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 Packs 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: 13.1°C



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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: 2203346**

Laboratory Control Sample									
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	0.0339	0.033	%	102	80.0	- 120	Acceptable		
CBDV	0.0361	0.033	%	108	80.0	- 120	Acceptable		
CBE	0.0329	0.033	%	98.6	80.0	- 120	Acceptable		
CBDA	0.0335	0.033	%	100	90.0	- 110	Acceptable		
CBGA	0.0324	0.033	%	97.2	80.0	- 120	Acceptable		
CBG	0.0323	0.033	%	96.8	80.0	- 120	Acceptable		
CBD	0.0346	0.033	%	104	90.0	- 110	Acceptable		
THCV	0.0343	0.033	%	103	80.0	- 120	Acceptable		
d8THCV	0.0345	0.033	%	104	80.0	- 120	Acceptable		
THCVA	0.0320	0.033	%	96.1	80.0	- 120	Acceptable		
CBN	0.0339	0.033	%	102	90.0	- 110	Acceptable		
exo-THC	0.0306	0.033	%	91.9	80.0	- 120	Acceptable		
d9THC	0.0334	0.033	%	100	90.0	- 110	Acceptable		
d8THC	0.0308	0.033	%	92.3	90.0	- 110	Acceptable		
CBL	0.0317	0.033	%	95.0	80.0	- 120	Acceptable		
CBC	0.0333	0.033	%	100	80.0	- 120	Acceptable		
THCA	0.0317	0.033	%	95.2	90.0	- 110	Acceptable		
CBCA	0.0321	0.033	%	96.3	80.0	- 120	Acceptable		
CBLA	0.0327	0.033	%	98.2	80.0	- 120	Acceptable		
CBT	0.0296	0.033	%	88.8	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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Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2203346						
Sample Duplicate		Sample ID: 22-004264-0001						
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	0.00565	0.00548	0.003	%	3.05	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBG	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBD	0.658	0.660	0.003	%	0.371	< 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	0.00335	0.00338	0.003	%	0.741	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00607	0.00601	0.003	%	1.13	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
BCA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBT	0.00485	0.00463	0.003	%	4.57	< 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	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.