



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



**Report Number:** 22-015761/D002.R000  
**Report Date:** 12/29/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/27/22 12:20

**Customer:** GVB Oregon  
**Product identity:** COMP UK BSD  
**Client/Metric ID:** .  
**Laboratory ID:** 22-015761-0002

### Summary

**Potency:**

Analyte	Result (%)		
CBD	86.8		CBD-Total 86.8%
CBG	4.50		THC-Total <LOQ
CBDV	0.208		(Reported in percent of total sample)



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**Customer:** GVB Oregon  
 United States of America (USA)  
**Product identity:** COMP UK BSD  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-015761-0002  
**Evidence of Cooling:** No  
**Temp:** 25.9  
**Relinquished by:** client

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>p</sup>			Units %	Batch: 2210961	Analyze: 12/29/22 12:52:00 A
Analyte	As Received	Dry weight	LOQ	Notes	<ul style="list-style-type: none"> <li>● CBD</li> <li>● CBG</li> <li>● CBDV</li> </ul>	
CBC	< LOQ		0.0725			
CBC-A	< LOQ		0.0725			
CBC-Total	< LOQ		0.136			
CBD	86.8		0.725			
CBD-A	< LOQ		0.0725			
CBD-Total	86.8		0.789			
CBDV	0.208		0.0725			
CBDV-A	< LOQ		0.0725			
CBDV-Total	0.208		0.135			
CBE	< LOQ		0.0725			
CBG	4.50		0.0725			
CBG-A	< LOQ		0.0725			
CBG-Total	4.50		0.135			
CBL-A	< LOQ		0.0725			
CBL-Total	< LOQ		0.136			
CBN	< LOQ		0.0725			
CBT	< LOQ		0.0725			
Δ10-THC	< LOQ		0.0725			
Δ8-THC	< LOQ		0.0725			
Δ8-THCV	< LOQ		0.0725			
Δ9-THC	< LOQ		0.0725			
exo-THC	< LOQ		0.0725			
THC-A	< LOQ		0.0725			
THC-Total	< LOQ		0.136			
THCV	< LOQ		0.0725			
THCV-A	< LOQ		0.0725			
THCV-Total	< LOQ		0.135			
<b>Total Cannabinoids</b>	91.5					

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>p</sup>			Units	Batch: 2210961	Analyze: 12/29/22 12:52:00 A
Analyte	As Received	Dry weight	LOQ	Notes		
CBL	pending		1.00			



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**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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

**Units of Measure**

% = 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 Chain of Custody Record**  
 ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

GVB OREGON

22-015761

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



<b>Company:</b> GVB Oregon <b>Contact:</b> Bharath Pogula <b>Address:</b> 212 NE North St <b>City:</b> Grass valley <b>State:</b> OR <b>Zip Code:</b> 97029 <input type="checkbox"/> <b>Email Results:</b> testing@gvbbiopharma.com <input type="checkbox"/> <b>Ph:</b> (973) - 722-5455 <i>Billing Contact (if different)</i> <b>Name:</b> _____ <b>Email:</b> _____ <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Ph:</b> ( ) - _____			<b>Analysis Requested</b> GVB Oregon Batch ID: _____ Sampled by: _____ Custom Reporting: _____ Source Material: <input type="checkbox"/> - Ind. Hemp product   <input type="checkbox"/> - Rec. Cannabis Reporting Type: <input type="checkbox"/> - Compliance   <input type="checkbox"/> - R&D Report to: <input type="checkbox"/> - METRC   <input type="checkbox"/> - ODA   <input type="checkbox"/> - USDA   <input type="checkbox"/> - Other: Turnaround time (TAT - Business Days): <input type="checkbox"/> - 5BD   <input type="checkbox"/> - 3BD*   <input checked="" type="checkbox"/> - 2BD* *Check for availability									
Lab ID	Client Sample Identification	Sample date	Potency	Pesticides - OR 59 Compounds	Residual Solvents	Heavy Metals	Micro : Yeast & Mold	Micro: Ecoli & Total Coliform	Potency (Low LOQ)	Material Type †	Weight (Units)	Comments/Metric ID
	CBD Reg.dist GVL-TST449	12/17/22	✓	✓	✓	✓	✓	✓			25g	Release the preliminary results as soon as they are available.
	USDg	12/27/22	✓								25g	
	COMP UK BSD	12/27/22	✓								25g	
	COMP USD	12/27/22	✓								25g	
<b>Signature - Relinquished By:</b> Bharath 12-27-22 12:20			<b>Signature - Received By:</b> DS 12-27-22 12:20			<b>Signature - Received By:</b> [Signature] 12-27-22 9:23			<b>Lab Use Only:</b> <input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): 25.9°C Sample in good condition: <input type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> 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  
 Portland, OR 97230

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

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 www.columbialaboratories.com



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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2210961

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.104	0.101	%	102	80.0	- 120	Acceptable	
CBDV	2	0.112	0.110	%	102	80.0	- 120	Acceptable	
CBE	2	0.109	0.106	%	102	80.0	- 120	Acceptable	
CBDA	1	0.101	0.096	%	105	90.0	- 110	Acceptable	
CBGA	1	0.101	0.097	%	105	80.0	- 120	Acceptable	
CBG	1	0.101	0.095	%	106	80.0	- 120	Acceptable	
CBD	1	0.100	0.096	%	105	90.0	- 110	Acceptable	
THCV	2	0.108	0.105	%	103	80.0	- 120	Acceptable	
d8THCV	2	0.109	0.107	%	103	80.0	- 120	Acceptable	
THCVA	2	0.101	0.099	%	102	80.0	- 120	Acceptable	
CBN	1	0.106	0.099	%	107	80.0	- 120	Acceptable	
exo-THC	2	0.106	0.103	%	103	80.0	- 120	Acceptable	
d9THC	1	0.112	0.102	%	110	90.0	- 110	Acceptable	
d8THC	1	0.104	0.100	%	104	90.0	- 110	Acceptable	
CBL	2	0.106	0.100	%	106	80.0	- 120	Acceptable	
d10THC	1	NA	0.092	%	NA	80.0	- 120	Acceptable	Q6
CBC	2	0.110	0.109	%	101	80.0	- 120	Acceptable	
THCA	1	0.0996	0.096	%	104	90.0	- 110	Acceptable	
CBCA	2	0.105	0.103	%	102	80.0	- 120	Acceptable	
CBLA	2	0.107	0.105	%	102	80.0	- 120	Acceptable	
CBT	2	0.111	0.109	%	102	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDV	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBE	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBGA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBG	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBD	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBN	<LOQ	0.0077	%	< 0.0077	Acceptable	
exo-THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d9THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBL	<LOQ	0.0077	%	< 0.0077	Acceptable	
d10THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBC	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBLA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBT	<LOQ	0.0077	%	< 0.0077	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

JAOAC2015 V986		Batch ID: 2210961						
Sample Duplicate		Sample ID: 22-0154220003						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBDV	0.670	0.684	0.0077	%	2.05	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBD A	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBG	1.26	1.31	0.0077	%	4.16	< 20	Acceptable	
CBD	89.0	91.5	0.0077	%	2.77	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBN	0.0181	0.0178	0.0077	%	1.45	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
d9THC	0.0092	0.0096	0.0077	%	4.59	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBC	0.0165	0.0175	0.0077	%	5.55	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0077	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0077	%	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	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.