



**Customer:** Treasure Valley Extractions  
**Product identity:** Spearmint Tincture 1000  
**Client/Metric ID:** MCT Base  
**Laboratory ID:** 20-001589-0006

**Sample Date:** 02/05/20 14:00

**Summary**

**Potency:**

Analyte	Result (%)		
CBD	11.4	<ul style="list-style-type: none"> <li>● CBD</li> <li>● CBDV</li> <li>● 9-THC</li> <li>● CBG</li> </ul>	CBD-Total 11.4%
CBDV <sup>†</sup>	0.0426		THC-Total 0.0139%
Δ9-THC	0.0139		(Reported in percent of total sample)
CBG <sup>†</sup>	0.00508		



**Customer:** Treasure Valley Extractions

**Product identity:** Spearmint Tincture 1000  
**Client/Metric ID:** MCT Base  
**Sample Date:** 02/05/20 14:00  
**Laboratory ID:** 20-001589-0006  
**Relinquished by:** USPS  
**Temp:** 17.4 °C

### Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 2001385	Analyze 02/12/20 04:53 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC†	< LOQ		0.0032		<ul style="list-style-type: none"> <li>● CBD</li> <li>● CBDV</li> <li>● 9-THC</li> <li>● CBG</li> </ul>	
CBC-A†	< LOQ		0.0032			
CBC-Total†	< LOQ		0.0060			
CBD	11.4		0.320			
CBD-A	< LOQ		0.0032			
CBD-Total	11.4		0.323			
CBDV†	0.0426		0.0032			
CBDV-A†	< LOQ		0.0032			
CBDV-Total†	0.0426		0.0060			
CBG†	0.00508		0.0032			
CBG-A†	< LOQ		0.0032			
CBG-Total†	< LOQ		0.0060			
CBL†	< LOQ		0.0032			
CBN	< LOQ		0.0032			
Δ8-THC†	< LOQ		0.0032			
Δ9-THC	0.0139		0.0032			
THC-A	< LOQ		0.0032			
THC-Total	0.0139		0.0060			
THCV†	< LOQ		0.0032			
THCV-A†	< LOQ		0.0032			
THCV-Total†	< LOQ		0.0060			

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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

**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 = µg/g divided by 10,000

Approved Signatory

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Derrick Tanner  
General Manager



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

**Cannabis Chain of Custody Record**

20-001589

ORELAP ID: OR100028

Company: Treasure Valley Extraction		Analysis Requested											Purchase Order Number:					
Contact: Jerry Miller		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: 1345 Golf Course Road														Project Name:				
Email: jmiller@cbdtve.com														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input checked="" type="checkbox"/> Cash/Check/CC/Net 30				
Phone: 208-991-7942 Fax:														Other:				
Processor's License: AG-R1055325IHH														Matrix	Weight	Serving size for edibles	Comments/Metric ID	
Field ID	Date/Time Collected																	
1 SP 1st Pass Distillate	2/5/20 13:00			X												3 mL		
2 WF 1st Pass Distillate	2/5/20 14:00			X													3 mL	
3 WF 2nd Pass Distillate	2/5/20 14:00			X													3 mL	
4 Galen Winterized Crude	2/5/20 14:00			X													3 mL	
5 CBD Isolate Powder	2/5/20 14:00			X													1 gram	
6 Spearmint Tincture - 1000	2/5/20 14:00			X													30 mL	MCT Base

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	Jerry Miller	2/5/20	15:00	Kmg	02/02/20	13:18	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 174
							Shipped Via: USPS
							Evidence of cooling: <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: 2.00 Control#: CF023  
Effective 04/29/2019 Revised 04/29/2019

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**Cannabis Chain of Custody Record**

ORELAP ID: OR100028

Company: Treasure Valley Extraction			Analysis Requested											Purchase Order Number:							
Contact: Jerry Miller			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 Name:						
Address: 1345 Golf Course Road															Project Name:						
Email: jmiller@cbdtve.com															Project Name:						
Phone: 208-991-7942 Fax:															Project Name:						
Processor's License: AG-R1055325IHH															Project Name:						
Field ID	Date/Time Collected													Matrix	Weight	Serving size for edibles	Comments/Metric ID				
7	Natural Tincture - 500	2/5/20 13:00			X															30 mL	MCT Base
8	Natural Tincture - 1000	2/5/20 14:00			X															30 mL	MCT base
9	Natural Tincture - 2000	2/5/20 14:00			X															30 mL	MCT base
10	Beef Tincture - 500	2/5/20 14:00			X															30 mL	MCT base
11	Bacon Tincture - 500	2/5/20 14:00			X															30 mL	MCT base
12	Mocha Tincture	2/5/20 14:00			X															30 mL	MCT Base
13	Orange Tincture	2/5/20 14:00			X															30 mL	MCT Base

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	Jerry Miller	2/5/20	15:00	Kmg	02/10/20	13:18	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 17.4
							Shipped Via: USPS
							Evidence of cooling: <input checked="" type="checkbox"/> No

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**Columbia Food/Pixis Labs  
Sample Receipt Form**

Revision: 1.00 Document Control: CF015  
Revised: 04/25/2019 Effective: 05/11/2019

Job Number: 202001589 Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 02-10-20 Time: 1318

Received By (Initials): Kg

- 1) Were custody seals on outside of the package/cooler?  
If YES, how many and where? \_\_\_\_\_ YES NO NA  
Were signature and date correct? ----- YES NO NA
- 2) Were custody papers included in the package/cooler? YES NO NA
- 3) Were custody papers properly filled out (ink, sign, date)? YES NO NA
- 4) Did you sign custody papers in the appropriate place? YES NO NA
- 5) How was the package/cooler delivered?  
UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_  
Tracking Number (written in or copy of shipping label): 9405 8036 9930 0758 3190 65
- 6) Was packing material used? YES NO NA  
Peanuts Bubble Wrap Foam Paper Other:
- 7) Was sufficient ice used (if appropriate)?  
What kind? YES NO NA  
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
- 15) Temperature of the samples upon receipt (See SOP for proper temps) 17.4 °C
- 16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: \_\_\_\_\_

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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: 2001385**

**Laboratory Control Sample**

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00969	0.01	%	96.9	85.0 - 115	Acceptable	
CBDV	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBD-A	0.00979	0.01	%	97.9	85.0 - 115	Acceptable	
CBG-A	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBG	0.00964	0.01	%	96.4	85.0 - 115	Acceptable	
CBD	0.00979	0.01	%	97.9	85.0 - 115	Acceptable	
THCV	0.00993	0.01	%	99.3	85.0 - 115	Acceptable	
THCVA	0.00989	0.01	%	98.9	85.0 - 115	Acceptable	
CBN	0.00989	0.01	%	98.9	85.0 - 115	Acceptable	
THC	0.0104	0.01	%	104	85.0 - 115	Acceptable	
D8THC	0.00952	0.01	%	95.2	85.0 - 115	Acceptable	
CBL	0.00967	0.01	%	96.7	85.0 - 115	Acceptable	
CBC	0.00994	0.01	%	99.4	85.0 - 115	Acceptable	
THCA	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBCA	0.00979	0.01	%	97.9	85.0 - 115	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBD-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<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	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
THC	<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	

**Abbreviations**

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

**Units of Measure:**

% - Percent





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: 2001385							
Sample Duplicate		Sample ID: 20-001374-0001							
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBDV	<b>0.0187</b>	<b>0.0185</b>	0.003	%	1.46	< 20	Acceptable		
CBD-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBG	<b>0.0241</b>	<b>0.0238</b>	0.003	%	1.20	< 20	Acceptable		
CBD	<b>2.61</b>	<b>2.60</b>	0.003	%	0.716	< 20	Acceptable		
THCV	<b>0.00834</b>	<b>0.00847</b>	0.003	%	1.57	< 20	Acceptable		
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBN	<b>0.00744</b>	<b>0.00770</b>	0.003	%	3.41	< 20	Acceptable		
THC	<b>0.655</b>	<b>0.653</b>	0.003	%	0.213	< 20	Acceptable		
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBC	<b>0.0260</b>	<b>0.0261</b>	0.003	%	0.479	< 20	Acceptable		
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable		
CBCA	<LOQ	<LOQ	0.003	%	NA	< 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





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.