



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



Report Number: 20-005907/D01.R00
Report Date: 06/15/2020
ORELAP#: OR100028
Purchase Order:
Received: 06/09/20 14:00

Customer: Nightingale Remedies
Product identity: #1 CBD Tincture
Client/Metric ID: .
Laboratory ID: 20-005907-0001

Sample Date: 06/09/20

Summary

Potency:

Analyte per 1oz.	Result	Limits	Units	Status	
CBD per 1oz.	757		mg/1oz.		CBD-Total per 1oz. 757 mg/1oz.
CBDV per 1oz.	3.83		mg/1oz.		THC-Total per 1oz. <LOQ
					(Reported in milligrams per serving)



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Customer: Nightingale Remedies

Product identity: #1 CBD Tincture
Client/Metric ID: .
Sample Date: 06/09/20
Laboratory ID: 20-005907-0001
Relinquished by: Client
Temp: 12.4 °C

Sample Results

Potency per 1oz.		Method J AOAC 2015 V98-6 (mod)	Batch: 2004897	Analyze: 6/11/20 3:11:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1oz.	< LOQ		mg/1oz.	0.892	
CBC-A per 1oz.	< LOQ		mg/1oz.	0.892	
CBC-Total per 1oz.	< LOQ		mg/1oz.	1.67	
CBD per 1oz.	757		mg/1oz.	8.92	
CBD-A per 1oz.	< LOQ		mg/1oz.	0.892	
CBD-Total per 1oz.	757		mg/1oz.	9.70	
CBDV per 1oz.	3.83		mg/1oz.	0.892	
CBDV-A per 1oz.	< LOQ		mg/1oz.	0.892	
CBDV-Total per 1oz.	3.83		mg/1oz.	1.66	
CBG per 1oz.	< LOQ		mg/1oz.	0.892	
CBG-A per 1oz.	< LOQ		mg/1oz.	0.892	
CBG-Total per 1oz.	< LOQ		mg/1oz.	1.66	
CBL per 1oz.	< LOQ		mg/1oz.	0.892	
CBN per 1oz.	< LOQ		mg/1oz.	0.892	
Δ 8-THC per 1oz.	< LOQ		mg/1oz.	0.892	
Δ 9-THC per 1oz.	< LOQ		mg/1oz.	0.892	
THC-A per 1oz.	< LOQ		mg/1oz.	0.892	
THC-Total per 1oz.	< LOQ		mg/1oz.	1.67	
THCV per 1oz.	< LOQ		mg/1oz.	0.892	
THCV-A per 1oz.	< LOQ		mg/1oz.	0.892	
THCV-Total per 1oz.	< LOQ		mg/1oz.	1.67	
Total Cannabinoids 1oz.[†]	761		mg/1oz.		



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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

g = Gram

mg/1oz. = Milligram per 1oz.

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Hemp Products
Chain of Custody Record

Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020
ORELAP ID: OR100028

PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB". Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1 1/2% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

Samples submitted to CL with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Retinquished by" you are agreeing to these terms.
12423 NE Whitaker Way
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Received: 06/09/20 14:00

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: 2004897									
Laboratory Control Sample									
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes		
CBDV-A	0.0103		0.01	%	103	85.0 - 115	Acceptable		
CBDV	0.0102		0.01	%	102	85.0 - 115	Acceptable		
CBD-A	0.00945		0.01	%	94.5	85.0 - 115	Acceptable		
CBG-A	0.0101		0.01	%	101	85.0 - 115	Acceptable		
CBG	0.00987		0.01	%	98.7	85.0 - 115	Acceptable		
CBD	0.00897		0.01	%	89.7	85.0 - 115	Acceptable		
THCV	0.00981		0.01	%	98.1	85.0 - 115	Acceptable		
THCVA	0.0100		0.01	%	100	85.0 - 115	Acceptable		
CBN	0.00984		0.01	%	98.4	85.0 - 115	Acceptable		
THC	0.0103		0.01	%	103	85.0 - 115	Acceptable		
D8THC	0.00991		0.01	%	99.1	85.0 - 115	Acceptable		
CBL	0.0101		0.01	%	101	85.0 - 115	Acceptable		
CBC	0.0104		0.01	%	104	85.0 - 115	Acceptable		
THCA	0.00894		0.01	%	89.4	85.0 - 115	Acceptable		
CBCA	0.00993		0.01	%	99.3	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



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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: 2004897			
Sample Duplicate					Sample ID: 20-005209-0004-01			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0353	0.0351	0.003	%	0.806	< 20	Acceptable	
CBD-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0688	0.0683	0.003	%	0.694	< 20	Acceptable	
CBD	3.50	3.13	0.003	%	11	< 20	Acceptable	
THCV	0.00575	0.00572	0.003	%	0.537	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.00315	<LOQ	0.003	%	NA	< 20	Acceptable	
THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 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



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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.