



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



Job Number: 19-009088
Report Number: 19-009088-00
Report Date: 08/09/2019
ORELAP#: OR100028
Purchase Order:
Received: 07/31/19 09:00

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: Isolate Capsules 300
Laboratory ID: 19-009088-0001

Client/Metric ID: .
Sample Date: 07/31/19 09:00

Summary

Potency:

Analyte per 1g	Result	Limits	Units	LOQ	
CBD per 1g	18.3		mg/1g	0.03	CBD-Total per 1g 18.3 mg/1g
CBDV per 1g [†]	0.0673		mg/1g	0.03	THC-Total per 1g < 0.063 mg/1g
					(Reported in milligrams per serving)

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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



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Customer: Nightingale Remedies

Product identity: Isolate Capsules 300

Client/Metric ID: .

Sample Date: 07/31/19 09:00

Laboratory ID: 19-009088-0001

Relinquished by: Patrick Brennan

Temp: 23.5 °C

Serving Size #1: 1 g

Sample Results

Potency per 1g		Batch: 1906977					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBC-Total per 1g [†]	< LOQ		mg/1g	0.0626	08/08/19	J AOAC 2015 V98-6	
CBD per 1g	18.3		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBD-A per 1g	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBD-Total per 1g	18.3		mg/1g	0.0626	08/08/19	J AOAC 2015 V98-6	
CBDV per 1g [†]	0.0673		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBDV-Total per 1g [†]	0.0673		mg/1g	0.0622	08/08/19	J AOAC 2015 V98-6	
CBG per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBG-Total per 1g [†]	< LOQ		mg/1g	0.0626	08/08/19	J AOAC 2015 V98-6	
CBL per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
CBN per 1g	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
Δ9-THC per 1g	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
THC-A per 1g	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
THC-Total per 1g	< LOQ		mg/1g	0.0626	08/08/19	J AOAC 2015 V98-6	
THCV per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0333	08/08/19	J AOAC 2015 V98-6	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0622	08/08/19	J AOAC 2015 V98-6	



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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

g = Gram

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

Cannabis Chain of Custody Record

PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Food Laboratories, Inc. DBA Pixis Labs (herein referred to as "the LAB", where Columbia Food Laboratories, Inc. & Pixis Labs can be used interchangeably) standard price book 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.



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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 1906977**

Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDV-A	0.00985	0.01	%	98.5	85 - 115	Acceptable		
CBDV	0.0103	0.01	%	103	85 - 115	Acceptable		
CBD-A	0.00974	0.01	%	97.4	85 - 115	Acceptable		
CBG-A	0.00971	0.01	%	97.1	85 - 115	Acceptable		
CBG	0.0106	0.01	%	106	85 - 115	Acceptable		
CBD	0.0109	0.01	%	109	85 - 115	Acceptable		
THCV	0.0101	0.01	%	101	85 - 115	Acceptable		
THCVA	0.00965	0.01	%	96.5	85 - 115	Acceptable		
CBN	0.0110	0.01	%	110	85 - 115	Acceptable		
THC	0.0107	0.01	%	107	85 - 115	Acceptable		
D8THC	0.00984	0.01	%	98.4	85 - 115	Acceptable		
CBL	0.00953	0.01	%	95.3	85 - 115	Acceptable		
CBC	0.0104	0.01	%	104	85 - 115	Acceptable		
THCA	0.0104	0.01	%	104	85 - 115	Acceptable		
CBCA	0.00927	0.01	%	92.7	85 - 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.003	%	< 0.003	Acceptable	
CBDV	ND	0.003	%	< 0.003	Acceptable	
CBD-A	ND	0.003	%	< 0.003	Acceptable	
CBG-A	ND	0.003	%	< 0.003	Acceptable	
CBG	ND	0.003	%	< 0.003	Acceptable	
CBD	ND	0.003	%	< 0.003	Acceptable	
THCV	ND	0.003	%	< 0.003	Acceptable	
THCVA	ND	0.003	%	< 0.003	Acceptable	
CBN	ND	0.003	%	< 0.003	Acceptable	
THC	ND	0.003	%	< 0.003	Acceptable	
D8THC	ND	0.003	%	< 0.003	Acceptable	
CBL	ND	0.003	%	< 0.003	Acceptable	
CBC	ND	0.003	%	< 0.003	Acceptable	
THCA	ND	0.003	%	< 0.003	Acceptable	
CBCA	ND	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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J AOAC 2015 V98-6		Batch ID: 1906977						
Sample Duplicate		Sample ID: 19-009082-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBDV	ND	ND	0.003	%	0	< 20	Acceptable	
CBD-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG	0.00544	0.00544	0.003	%	0	< 20	Acceptable	
CBD	ND	ND	0.003	%	0	< 20	Acceptable	
THCV	ND	ND	0.003	%	0	< 20	Acceptable	
THCVA	ND	ND	0.003	%	0	< 20	Acceptable	
CBN	ND	ND	0.003	%	0	< 20	Acceptable	
THC	0.187	0.187	0.003	%	0	< 20	Acceptable	
D8THC	ND	ND	0.003	%	0	< 20	Acceptable	
CBL	ND	ND	0.003	%	0	< 20	Acceptable	
CBC	0.00455	0.00456	0.003	%	0.220	< 20	Acceptable	
THCA	ND	ND	0.003	%	0	< 20	Acceptable	
CBCA	ND	ND	0.003	%	0	< 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	Quantitaion 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.