PIXIS Labs
A Tentamus Company

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

Report Number: 19-012395/D04.R01
Report Date: 10/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/10/19 15:18

This is an amended version of report# 19-012395/D04.R00.

Product identity: 500 Pet
Laboratory ID: 19-012395-0004
Client/Metrc ID: .
Sample Date:

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBC†	0.0247		%	
CBD	1.75		%	
CBDV†	0.00969		%	
CBG†	0.0292		%	
Δ9-THC	0.0776		%	

Analyte per 28.5g	Result	Limits	Units	Status
CBC per 28.5g†	7.04		mg/28.5g	
CBD per 28.5g	499		mg/28.5g	
CBDV per 28.5g†	2.76		mg/28.5g	
CBG per 28.5g†	8.32		mg/28.5g	
Δ9-THC per 28.5g	22.1		mg/28.5g	

CBD-Total per 28.5g	499 mg/28.5g
THC-Total per 28.5g	22.1 mg/28.5g

(Reported in milligrams per serving)

Testing in accordance with: OAR 333-007-0430

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Customer: Healthy Roots

Product identity: 500 Pet
Client/Metrc ID: .
Sample Date:
Laboratory ID: 19-012395-0004
Relinquished by: Jason Merritt
Temp: 23.5 °C
Serving Size #1: 28.5 g

Sample Results

Potency — Batch: 1909307

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	0.0247		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBC-Total†	0.0247		%	0.0060	10/15/19	J AOAC 2015 V98-6	
CBD	1.75		%	0.0322	10/14/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBD-Total	1.75		%	0.0350	10/15/19	J AOAC 2015 V98-6	
CBDV†	0.00969		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBDV-Total†	0.00969		%	0.0060	10/15/19	J AOAC 2015 V98-6	
CBG†	0.0292		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBG-Total†	0.0292		%	0.0060	10/15/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
Δ9-THC	0.0776		%	0.0032	10/11/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
THC-Total	0.0776		%	0.0060	10/15/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0032	10/11/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.0060	10/15/19	J AOAC 2015 V98-6	

Potency per 28.5g — Batch: 1909307

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 28.5g†	7.04		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	
CBC-A per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
CBC-Total per 28.5g†	7.04		mg/28.5g	1.78	10/28/19	J AOAC 2015 V98-6	
CBD per 28.5g	499		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	
CBD-A per 28.5g	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
CBD-Total per 28.5g	499		mg/28.5g	1.78	10/28/19	J AOAC 2015 V98-6	
CBDV per 28.5g†	2.76		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	

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Potency per 28.5g			Batch: 1909307				
Analyte	**Result**	**Limits**	**Units**	**LOQ**	**Analyze**	**Method**	**Notes**
CBDV-A per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
CBDV-Total per 28.5g†	2.76		mg/28.5g	1.77	10/28/19	J AOAC 2015 V98-6	
CBG per 28.5g†	8.32		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	
CBG-A per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
CBG-Total per 28.5g†	8.32		mg/28.5g	1.78	10/28/19	J AOAC 2015 V98-6	
CBL per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
CBN per 28.5g	< LOQ		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	
Δ8-THC per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
Δ9-THC per 28.5g	22.1		mg/28.5g	0.950	10/28/19	J AOAC 2015 V98-6	
THC-A per 28.5g	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
THC-Total per 28.5g	22.1		mg/28.5g	1.78	10/28/19	J AOAC 2015 V98-6	
THCV per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
THCV-A per 28.5g†	< LOQ		mg/28.5g	0.950	10/15/19	J AOAC 2015 V98-6	
THCV-Total per 28.5g†	< LOQ		mg/28.5g	1.77	10/15/19	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/28.5g = Milligram per 28.5g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

Testing in accordance with: OAR 333-007-0430

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Report Number: 19-012395/D04.R01
Report Date: 10/28/2019
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Purchase Order:
Received: 10/10/19 15:18

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: 1909307**

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00924		0.01	%	92.4	85 - 115	Acceptable	
CBDV	0.00923		0.01	%	92.3	85 - 115	Acceptable	
CBD-A	0.00900		0.01	%	90.0	85 - 115	Acceptable	
CBG-A	0.00898		0.01	%	89.8	85 - 115	Acceptable	
CBG	0.00927		0.01	%	92.7	85 - 115	Acceptable	
CBD	0.00951		0.01	%	95.1	85 - 115	Acceptable	
THCV	0.00921		0.01	%	92.1	85 - 115	Acceptable	
THCVA	0.00947		0.01	%	94.7	85 - 115	Acceptable	
CBN	0.00971		0.01	%	97.1	85 - 115	Acceptable	
THC	0.0101		0.01	%	101	85 - 115	Acceptable	
D8THC	0.00864		0.01	%	86.4	85 - 115	Acceptable	
CBL	0.00911		0.01	%	91.1	85 - 115	Acceptable	
CBC	0.00900		0.01	%	90.0	85 - 115	Acceptable	
THCA	0.00960		0.01	%	96.0	85 - 115	Acceptable	
CBCA	0.00903		0.01	%	90.3	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

Testing in accordance with: OAR 333-007-0430

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ORELAP#: OR100028
Purchase Order:
Received: 10/10/19 15:18

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

J AOAC 2015 V98-6					Batch ID: 1909307			
Sample Duplicate					Sample ID: 19-011850-0001			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBDV	0.0122	0.0121	0.003	%	0.823	< 20	Acceptable	
CBD-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG	ND	ND	0.003	%	0	< 20	Acceptable	
CBD	0.833	0.823	0.003	%	1.21	< 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	ND	ND	0.003	%	0	< 20	Acceptable	
D8THC	ND	ND	0.003	%	0	< 20	Acceptable	
CBL	ND	ND	0.003	%	0	< 20	Acceptable	
CBC	ND	ND	0.003	%	0	< 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.

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