



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

Customer: PTB Investments
Product identity: OTS 1000mg Blackberry
Client/Metric ID: .
Laboratory ID: 21-006988-0004

Sample Date: 06/21/21 09:30

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g [†]	0.469		mg/1g		CBD-Total per 1g 38.4 mg/1g
CBD per 1g	38.4		mg/1g		
CBDV per 1g [†]	0.156		mg/1g		THC-Total per 1g <LOQ
CBE per 1g [†]	0.555		mg/1g		(Reported in milligrams per serving)
CBG per 1g [†]	0.124		mg/1g		
CBL per 1g [†]	0.0485		mg/1g		
CBN per 1g	0.353		mg/1g		
CBT per 1g [†]	0.469		mg/1g		

Microbiology:

Less than LOQ for all analytes.



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

Customer: PTB Investments
United States of America (USA)

Product identity: OTS 1000mg Blackberry
Client/Metric ID: .
Sample Date: 06/21/21 09:30
Laboratory ID: 21-006988-0004
Evidence of Cooling: No
Temp: 25.8 °C
Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2105602 Analyze: 6/23/21 10:41:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	0.469		mg/1g	0.0316	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0316	
CBC-Total per 1g [†]	0.469		mg/1g	0.0593	
CBD per 1g	38.4		mg/1g	0.316	
CBD-A per 1g	< LOQ		mg/1g	0.0316	
CBD-Total per 1g	38.4		mg/1g	0.344	
CBDV per 1g [†]	0.156		mg/1g	0.0316	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0316	
CBDV-Total per 1g [†]	0.156		mg/1g	0.0590	
CBE per 1g [†]	0.555		mg/1g	0.0316	
CBG per 1g [†]	0.124		mg/1g	0.0316	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0316	
CBG-Total per 1g [†]	0.124		mg/1g	0.0590	
CBL per 1g [†]	0.0485		mg/1g	0.0316	
CBL-A per 1g [†]	< LOQ		mg/1g	0.0316	
CBL-Total per 1g [†]	< LOQ		mg/1g	0.0593	
CBN per 1g	0.353		mg/1g	0.0316	
CBT per 1g [†]	0.469		mg/1g	0.0316	
Δ8-THCV per 1g [†]	< LOQ		mg/1g	0.0316	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0316	
Δ9-THC per 1g	< LOQ		mg/1g	0.0316	
exo-THC per 1g [†]	< LOQ		mg/1g	0.0316	
THC-A per 1g	< LOQ		mg/1g	0.0316	
THC-Total per 1g	< LOQ		mg/1g	0.0593	
THCV per 1g [†]	< LOQ		mg/1g	0.0316	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0316	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0593	
Total Cannabinoids per 1g	40.6		mg/1g		



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2105538	06/25/21	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2105538	06/25/21	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2105539	06/25/21	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2105539	06/25/21	AOAC 2014.05 (RAPID)	X



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

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

cfu/g = Colony forming units per gram

g = Gram

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

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: 2105602**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00936	0.01	%	93.6	85.0 - 115	Acceptable	
CBDV	0.00953	0.01	%	95.3	85.0 - 115	Acceptable	
CBE	0.00937	0.01	%	93.7	85.0 - 115	Acceptable	
CBD	0.00955	0.01	%	95.5	85.0 - 115	Acceptable	
CBGA	0.00945	0.01	%	94.5	85.0 - 115	Acceptable	
CBG	0.00950	0.01	%	95.0	85.0 - 115	Acceptable	
CBD	0.00971	0.01	%	97.1	85.0 - 115	Acceptable	
THCV	0.00945	0.01	%	94.5	85.0 - 115	Acceptable	
d8THCV	0.00944	0.01	%	94.4	85.0 - 115	Acceptable	
THCVA	0.00913	0.01	%	91.3	85.0 - 115	Acceptable	
CBN	0.0100	0.01	%	100	85.0 - 115	Acceptable	
exo-THC	0.00914	0.01	%	91.4	85.0 - 115	Acceptable	
d9THC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
d8THC	0.00937	0.01	%	93.7	85.0 - 115	Acceptable	
CBL	0.00856	0.01	%	85.6	85.0 - 115	Acceptable	
CBC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCA	0.00919	0.01	%	91.9	85.0 - 115	Acceptable	
CBCA	0.00923	0.01	%	92.3	85.0 - 115	Acceptable	
CBLA	0.00948	0.01	%	94.8	85.0 - 115	Acceptable	
CBT	0.0102	0.01	%	102	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<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	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<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	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<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



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

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: 2105602						
Sample Duplicate		Sample ID: 21-006918-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	0.448	0.447	0.003	%	0.125	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<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	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<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



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



Report Number: 21-006988/D006.R000
Report Date: 06/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/22/21 11:11

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.