



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



**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15

**Customer:** Precision Plant Molecules  
**Product identity:** CBT-22-008  
**Client/Metric ID:** .  
**Laboratory ID:** 22-003058-0001

### Summary

**Potency:**

Analyte	Result (%)		
CBT†	95.0		CBD-Total <LOQ
CBC	3.62		THC-Total <LOQ
			(Reported in percent of total sample)

**Residual Solvents:**

*All analytes passing and less than LOQ.*

**Metals:**

*Less than LOQ for all analytes.*



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

**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15



**Customer:** Precision Plant Molecules  
 United States of America (USA)  
**Product identity:** CBT-22-008  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-003058-0001  
**Evidence of Cooling:** No  
**Temp:** 20.1 °C  
**Relinquished by:** Fedex

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2202396	Analyze: 3/21/22 8:45:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	3.62		0.0943			
CBC-A†	< LOQ		0.0943			
CBC-Total†	3.62		0.177			
CBD	< LOQ		0.0943			
CBD-A	< LOQ		0.0943			
CBD-Total	< LOQ		0.177			
CBDV†	< LOQ		0.0943			
CBDV-A†	< LOQ		0.0943			
CBDV-Total†	< LOQ		0.176			
CBE†	< LOQ		0.0943			
CBG†	< LOQ		0.0943			
CBG-A†	< LOQ		0.0943			
CBG-Total	< LOQ		0.176			
CBL†	< LOQ		0.0943			
CBL-A†	< LOQ		0.0943			
CBL-Total†	< LOQ		0.177			
CBN	< LOQ		0.0943			
CBT†	95.0		0.943			
Δ8-THC†	< LOQ		0.0943			
Δ8-THCV	< LOQ		0.0943			
Δ9-THC	< LOQ		0.0943			
THC-A	< LOQ		0.0943			
THC-Total	< LOQ		0.177			
THCV†	< LOQ		0.0943			
THCV-A†	< LOQ		0.0943			
THCV-Total†	< LOQ		0.176			
<b>Total Cannabinoids†</b>	<b>&gt; 98.0</b>					





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

**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15



Solvents											
Method	Residual Solvents by GC/MS					Units µg/g	Batch 2202395	Analyze 03/20/22 10:26 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0803	2202524	03/23/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0803	2202524	03/23/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0803	2202524	03/23/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.0402	2202524	03/23/22	AOAC 2013.06 (mod.)	pass	X	

Mycotoxins										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Aflatoxin B2 <sup>†</sup>	< LOQ		µg/kg	5.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
Aflatoxin B1 <sup>†</sup>	< LOQ		µg/kg	5.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
Aflatoxin G1 <sup>†</sup>	< LOQ		µg/kg	5.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
Aflatoxin G2 <sup>†</sup>	< LOQ		µg/kg	5.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
Deoxynivalenol <sup>†</sup>	< LOQ		µg/kg	200	2202460	03/22/22	AOAC 2007.01 & EN 15			
Fumonisin B1 <sup>†</sup>	< LOQ		µg/kg	200	2202460	03/22/22	AOAC 2007.01 & EN 15			
Fumonisin B2 <sup>†</sup>	< LOQ		µg/kg	200	2202460	03/22/22	AOAC 2007.01 & EN 15			
HT2-Toxin <sup>†</sup>	< LOQ		µg/kg	40.0	2202460	03/22/22	AOAC 2007.01 & EN 15			
Ochratoxin A <sup>†</sup>	< LOQ		µg/kg	5.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
Ochratoxin B <sup>†</sup>	< LOQ		µg/kg	2.00	2202460	03/22/22	AOAC 2007.01 & EN 15			
T2-Toxin <sup>†</sup>	< LOQ		µg/kg	20.0	2202460	03/22/22	AOAC 2007.01 & EN 15			
Zearalenone <sup>†</sup>	< LOQ		µg/kg	200	2202460	03/22/22	AOAC 2007.01 & EN 15			



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



**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15

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, CCR title 16-division 42. BCC-section 5723

**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**

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/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: 22-003058/D002.R000  
Report Date: 03/24/2022  
ORELAP#: OR100028  
Purchase Order:  
Received: 03/17/22 10:15



Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
Page 1 of 1

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

Package/Cooler opened on (if different than received date/time) Date: 3/17/22 Time: 10:15

Received By (Initials): DS Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1) Were custody seals on outside of the package/cooler? YES NO NA  
If YES, how many and where? \_\_\_\_\_

Does date match collection date on COC? \_\_\_\_\_ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label): 7763 1510 4301

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_  
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? 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

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: 20.1°C



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

**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15



Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 086							
Batch ID: 220239t							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV	0.19E	0.2	%	97.3	80.0 - 120	Acceptabl	
CBD'	0.251	0.2	%	125	80.0 - 120	Acceptabl	Q6
CBF	0.19E	0.2	%	99.3	80.0 - 120	Acceptabl	
CBD	0.19E	0.2	%	99.1	80.0 - 120	Acceptabl	
CBG	0.19E	0.2	%	97.7	80.0 - 120	Acceptabl	
CBC	0.18E	0.2	%	94.6	80.0 - 120	Acceptabl	
CBT	0.191	0.2	%	95.7	80.0 - 120	Acceptabl	
THC\	0.18E	0.2	%	94.2	80.0 - 120	Acceptabl	
d8THC\	0.19E	0.2	%	96.7	80.0 - 120	Acceptabl	
THCV/	0.19E	0.2	%	96.7	80.0 - 120	Acceptabl	
CBN	0.18E	0.2	%	94.5	80.0 - 120	Acceptabl	
exo-THC	0.17E	0.2	%	86.7	80.0 - 120	Acceptabl	
d9THC	0.18E	0.2	%	91.1	80.0 - 120	Acceptabl	
d8THC	0.18E	0.2	%	91.4	80.0 - 120	Acceptabl	
CBI	0.17E	0.2	%	88.0	80.0 - 120	Acceptabl	
CB'	0.18E	0.2	%	94.5	80.0 - 120	Acceptabl	
THC/	0.18E	0.2	%	93.0	80.0 - 120	Acceptabl	
CBC	0.20E	0.2	%	101	80.0 - 120	Acceptabl	
CBL	0.19E	0.2	%	98.1	80.0 - 120	Acceptabl	
CB'	0.16E	0.2	%	80.1	80.0 - 120	Acceptabl	

Method Blank

Analyte	Result	LOC	Units	Limits	Evaluation	Notes
CBDV	< LOC	0.1	%	< 0.1	Acceptabl	
CBD'	< LOC	0.1	%	< 0.1	Acceptabl	
CBF	< LOC	0.1	%	< 0.1	Acceptabl	
CBD	< LOC	0.1	%	< 0.1	Acceptabl	
CBG	< LOC	0.1	%	< 0.1	Acceptabl	
CBC	< LOC	0.1	%	< 0.1	Acceptabl	
CBT	< LOC	0.1	%	< 0.1	Acceptabl	
THC\	< LOC	0.1	%	< 0.1	Acceptabl	
d8THC\	< LOC	0.1	%	< 0.1	Acceptabl	
THCV/	< LOC	0.1	%	< 0.1	Acceptabl	
CBN	< LOC	0.1	%	< 0.1	Acceptabl	
exo-THC	< LOC	0.1	%	< 0.1	Acceptabl	
d9THC	< LOC	0.1	%	< 0.1	Acceptabl	
d8THC	< LOC	0.1	%	< 0.1	Acceptabl	
CBI	< LOC	0.1	%	< 0.1	Acceptabl	
CB'	< LOC	0.1	%	< 0.1	Acceptabl	
THC/	< LOC	0.1	%	< 0.1	Acceptabl	
CBC	< LOC	0.1	%	< 0.1	Acceptabl	
CBL	< LOC	0.1	%	< 0.1	Acceptabl	
CB'	< LOC	0.1	%	< 0.1	Acceptabl	

Abbreviations

ND - None Detected at or above MI  
RPD - Relative Percent Differen  
LOQ - Limit of Quantitator

Units of Measure:

% - Percen





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



**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15

Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 086									
Batch ID: 220239t									
Sample Duplicate									
Sample ID: 22-0030580001									
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBD'	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBF	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBD	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBG	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBT	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
THC\	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
d8THC\	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
THCV/	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBN	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
exo-THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
d9THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBI	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CB/	3.61	3.62	0.1	%	0.252	< 20	Acceptabl		
THC/	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CBL	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptabl		
CB'	93.5	95.0	0.1	%	1.60	< 20	Acceptabl		

Abbreviations

ND - None Detected at or above MI  
RPD Relative Percent Differen  
LOQ Limit of Quantitator

Units of Measure:

% - Percen





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



**Report Number:** 22-003058/D002.R000  
**Report Date:** 03/24/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/17/22 10:15

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.