



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



Report Number: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58

Customer: Bumble B Well LLC
Product identity: Star Thistle 902
Client/Metric ID: .
Laboratory ID: 21-013350-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	2.12		mg/1g		CBD-Total per 1g 2.12 mg/1g
					THC-Total per 1g <LOQ
					(Reported in milligrams per serving)



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

Report Number: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58



Customer: Bumble B Well LLC

Product identity: Star Thistle 902

Client/Metric ID: .

Sample Date:

Laboratory ID: 21-013350-0001

Evidence of Cooling: No

Temp: 20.8 °C

Relinquished by: client

Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2110335 Analyze: 11/15/21 7:14:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g†	< LOQ		mg/1g	0.0326	
CBC-A per 1g†	< LOQ		mg/1g	0.0326	
CBC-Total per 1g†	< LOQ		mg/1g	0.0611	
CBD per 1g	2.12		mg/1g	0.0326	
CBD-A per 1g	< LOQ		mg/1g	0.0326	
CBD-Total per 1g	2.12		mg/1g	0.0611	
CBDV per 1g†	< LOQ		mg/1g	0.0326	
CBDV-A per 1g†	< LOQ		mg/1g	0.0326	
CBDV-Total per 1g†	< LOQ		mg/1g	0.0608	
CBE per 1g†	< LOQ		mg/1g	0.0326	
CBG per 1g†	< LOQ		mg/1g	0.0326	
CBG-A per 1g†	< LOQ		mg/1g	0.0326	
CBG-Total per 1g†	< LOQ		mg/1g	0.0608	
CBL per 1g†	< LOQ		mg/1g	0.0326	
CBL-A per 1g†	< LOQ		mg/1g	0.0326	
CBL-Total per 1g†	< LOQ		mg/1g	0.0611	
CBN per 1g	< LOQ		mg/1g	0.0326	
CBT per 1g†	< LOQ		mg/1g	0.0326	
Δ8-THCV per 1g†	< LOQ		mg/1g	0.0326	
Δ8-THC per 1g†	< LOQ		mg/1g	0.0326	
Δ9-THC per 1g	< LOQ		mg/1g	0.0326	
exo-THC per 1g†	< LOQ		mg/1g	0.0326	
THC-A per 1g	< LOQ		mg/1g	0.0326	
THC-Total per 1g	< LOQ		mg/1g	0.0611	
THCV per 1g†	< LOQ		mg/1g	0.0326	
THCV-A per 1g†	< LOQ		mg/1g	0.0326	
THCV-Total per 1g†	< LOQ		mg/1g	0.0611	
Total Cannabinoids per 1g	2.12		mg/1g		



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



Report Number: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58

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

g = Gram

mg/1g = Milligram per 1g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58



Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2832 Revision: 1
 Effective: 05/07/2021
 ORELAP ID: **OR100028**

Company: <u>Bumble B. Well</u> Contact: <u>Jessica Tacik</u> Street: <u>PO Box 87562</u> City: <u>Vancouver</u> State: <u>WA</u> Zip: <u>98687</u> <input checked="" type="checkbox"/> Email Results: <u>jessica@bumblebwell.com</u> Ph: <u>(360) 513-7314</u> <input type="checkbox"/> Fx Results: () Billing (if different): <u>16019 N. 14th Cir</u> <u>Vancouver WA 98684</u>				Analysis Requested <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input checked="" type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E.Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <i>*Check for availability</i>		
Lab ID	Client Sample Identification	Date	Time										Sample Type †	Weight (Units)	Comments/Metric ID	
	<u>Starbiste 902</u>	<u>11/12</u>	<u>10:58</u>										<u>CBG</u>		<u>edible -</u>	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:								
<u>Jessica Tacik</u>		<u>11/12</u>	<u>10:58</u>	<u>DS</u>		<u>11/12/21</u>	<u>10:58</u>	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): _____ Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input checked="" type="checkbox"/> CC <input type="checkbox"/> Net: <u>12548</u> Prelog storage: _____								

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of service](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms
 12423 NE Whitaker Way
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com

Page _____ of _____
www.columbialaboratories.com



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

Report Number: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58



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: 2110335**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBDV	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBE	0.00985	0.01	%	98.5	85.0 - 115	Acceptable	
CBDA	0.0104	0.01	%	104	85.0 - 115	Acceptable	
CBGA	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBG	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBD	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
d8THCV	0.00937	0.01	%	93.7	85.0 - 115	Acceptable	
THCVA	0.00973	0.01	%	97.3	85.0 - 115	Acceptable	
CBN	0.0103	0.01	%	103	85.0 - 115	Acceptable	
exo-THC	0.00911	0.01	%	91.1	85.0 - 115	Acceptable	
d9THC	0.00967	0.01	%	96.7	85.0 - 115	Acceptable	
d8THC	0.00993	0.01	%	99.3	85.0 - 115	Acceptable	
CBL	0.00981	0.01	%	98.1	85.0 - 115	Acceptable	
CBC	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCA	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBCA	0.00987	0.01	%	98.7	85.0 - 115	Acceptable	
CBLA	0.00943	0.01	%	94.3	85.0 - 115	Acceptable	
CBT	0.00860	0.01	%	86.0	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	
CBDA	<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: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58



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: 2110335						
Sample Duplicate		Sample ID: 21-013327-0001						
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	0.00370	0.00349	0.003	%	5.72	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	0.129	0.126	0.003	%	2.69	< 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: 21-013350/D002.R000
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/12/21 10:58



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.