



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



**Report Number:** 24-006372/D001.R000  
**Report Date:** 06/18/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/11/24 10:53

**Customer:** Healthy Roots  
**Product identity:** 100 MG Bath Bomb Puck  
**Client/Metric ID:** .  
**Laboratory ID:** 24-006372-0001

## Summary

### Potency:

Analyte	Result	Limits	Units	Status	
CBC	0.00746		%		CBD-Total per Serving Size 107 mg/101g
CBD	0.106		%		
Δ9-THC	0.00441		%		Delta-9-THC-Total per <LOQ
Analyte per 101g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBC per 101g	7.53		mg/101g		
CBD per 101g	107		mg/101g		
Δ9-THC per 101g	4.45		mg/101g		



**Customer:** Healthy Roots  
 14325 NE Airport Way  
 Portland Oregon 97230  
 United States of America (USA)

**Product identity:** 100 MG Bath Bomb Puck

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 24-006372-0001

**Evidence of Cooling:** No

**Temp:** 24.9 °C

**Serving Size #1:** 101 g

## Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units %	Batch: 2404515	Analyze: 6/14/24 12:03:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.00746		%	0.00320	
CBC-A	< LOQ		%	0.00320	
CBC-Total	0.00746		%	0.00600	
CBD <sup>±</sup>	0.106		%	0.00320	
CBD-A <sup>±</sup>	< LOQ		%	0.00320	
CBD-Total <sup>±</sup>	0.106		%	0.00600	
CBDV	< LOQ		%	0.00320	
CBDV-A	< LOQ		%	0.00320	
CBDV-Total	< LOQ		%	0.00597	
CBE	< LOQ		%	0.00320	
CBG	< LOQ		%	0.00320	
CBG-A	< LOQ		%	0.00320	
CBG-Total	< LOQ		%	0.00597	
CBL	< LOQ		%	0.00320	
CBL-A	< LOQ		%	0.00320	
CBL-Total	< LOQ		%	0.00600	
CBN	< LOQ		%	0.00320	
CBT	< LOQ		%	0.00320	
Δ10-THC-9R	< LOQ		%	0.00320	
Δ10-THC-9S	< LOQ		%	0.00320	
Δ10-THC-Total	< LOQ		%	0.00639	
Δ8-THC <sup>±</sup>	< LOQ		%	0.00320	
Δ8-THCV	< LOQ		%	0.00320	
Δ9-THC <sup>±</sup>	0.00441		%	0.00320	
Δ9-THC-A <sup>±</sup>	< LOQ		%	0.00320	
Δ9-THC-Total <sup>±</sup>	< LOQ		%	0.00600	
Δ9-THCP	< LOQ		%	0.00320	
Δ9-THCV	< LOQ		%	0.00320	
Δ9-THCV-A	< LOQ		%	0.00320	
Δ9-THCV-Total	< LOQ		%	0.00597	
exo-THC	< LOQ		%	0.00320	



Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units %	Batch: 2404515	Analyze: 6/14/24 12:03:00 AM
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Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids	0.118		%		

Potency per 101g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2404515	Analyze: 6/14/24 12:03:00 AM
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Analyte	Result	Limits	Units	LOQ	Notes
CBC per 101g	7.53		mg/101g	3.23	
CBC-A per 101g	< LOQ		mg/101g	3.23	
CBC-Total per 101g	7.53		mg/101g	6.06	
CBD per 101g	107		mg/101g	3.23	
CBD-A per 101g <sup>+</sup>	< LOQ		mg/101g	3.23	
CBD-Total per 101g <sup>+</sup>	107		mg/101g	6.06	
CBDV per 101g	< LOQ		mg/101g	3.23	
CBDV-A per 101g	< LOQ		mg/101g	3.23	
CBDV-Total per 101g	< LOQ		mg/101g	6.03	
CBE per 101g	< LOQ		mg/101g	3.23	
CBG per 101g	< LOQ		mg/101g	3.23	
CBG-A per 101g	< LOQ		mg/101g	3.23	
CBG-Total per 101g	< LOQ		mg/101g	6.03	
CBL per 101g	< LOQ		mg/101g	3.23	
CBL-A per 101g	< LOQ		mg/101g	3.23	
CBL-Total per 101g	< LOQ		mg/101g	6.06	
CBN per 101g	< LOQ		mg/101g	3.23	
CBT per 101g	< LOQ		mg/101g	3.23	
Δ10-THC-9R per 101g	< LOQ		mg/101g	3.23	
Δ10-THC-9S per 101g	< LOQ		mg/101g	3.23	
Δ10-THC-Total per 101g	< LOQ		mg/101g	6.46	
Δ8-THC per 101g <sup>+</sup>	< LOQ		mg/101g	3.23	
Δ8-THCV per 101g	< LOQ		mg/101g	3.23	
Δ9-THC per 101g <sup>+</sup>	4.45		mg/101g	3.23	
Δ9-THC-Total per 101g	< LOQ		mg/101g	6.06	
Δ9-THCP per 101g	< LOQ		mg/101g	3.23	
Δ9-THCV per 101g	< LOQ		mg/101g	3.23	
Δ9-THCV-A per 101g	< LOQ		mg/101g	3.23	
Δ9-THCV-Total per 101g	< LOQ		mg/101g	6.06	
exo-THC per 101g	< LOQ		mg/101g	3.23	
THC-A per 101g <sup>+</sup>	< LOQ		mg/101g	3.23	
Total Cannabinoids per 101g	119		mg/101g		



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#### **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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

#### **Units of Measure**

g = Gram

mg/101g = Milligram per 101g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Hemp & Cannabis  
Chain of Custody

Healthy-Roots-Hemp-  
Products-1718118483

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT1508

<div>Company Details</div> <div>Company: <u>Healthy Roots Hemp Products</u></div> <div>Contact: <u>Liz Cardoza</u></div> <div>Street Address: <u>21563 SCrestview Drive</u></div> <div>City, State, Zip: <u>Oregon City, OR 97045</u></div> <div>Email: <u>Liz@healthyrhemp.com</u></div> <div>Email, CC: <u>Alaincardoza3@gmail.com</u></div> <div>Contact Phone: <u>503-496-2329</u></div> <div>Company Phone: <u>503-496-2329</u></div> <div>Billing Information</div> <div>Billing Phone: <u>503-496-2329</u></div> <div>Billing Email: <u>Liz@healthyrhemp.com</u></div>			<div>Project Details</div> <div>Turnaround Time: <u>5 Business Days   Reg. For Micro Testing   Standard</u></div> <div>Relinquishment   Sampling, Courier &amp; Shipping Options: <u>Drop Off at Laboratory</u></div> <div>Compliance: <u>Compliance</u></div> <div>Receipt Information</div> <div>Pre-Log Storage: Canna Shelves</div> <div>Sample Condition: Satisfactory</div>			H0010 - Potency Cannabis (Basic+Expanded)	Testing
#	Sample Name	Material	Additional Test Requests and Sample Comments	Amount Provided	Reporting Unit		
1	100 MGBath Bomb Puck	Cannabinoid Soaking Bath Salts	Report in MGand Percentage	101g	mg/g	✓	

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Liz Cardoza</i>	<i>06/11/2024</i>	<i>08:08</i>	<i>SKM</i>	<i>06/11/2024</i>	<i>10:53</i>	<i>24.90</i>	<i>No</i>

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

Columbia Laboratories  
12423 NE Whitaker Way  
Portland, OR 97230

P: (503) 254-1794  
[info@columbialaboratories.com](mailto:info@columbialaboratories.com)

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Revision: 4 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

#### Laboratory Quality Control Results

AOAC 2015 V98-6									
Batch ID: 2404515									
Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0319	0.0318	%	100	80.0	- 120	Acceptable	
CBDV	2	0.0318	0.0322	%	99.0	80.0	- 120	Acceptable	
CBE	2	0.0317	0.0318	%	99.7	80.0	- 120	Acceptable	
CBDA	1	0.0306	0.0307	%	99.9	90.0	- 110	Acceptable	
CBGA	1	0.0306	0.0304	%	101	80.0	- 120	Acceptable	
CBG	1	0.0300	0.0299	%	100	80.0	- 120	Acceptable	
CBD	1	0.0322	0.0323	%	99.7	90.0	- 110	Acceptable	
THCV	2	0.0336	0.0339	%	99.0	80.0	- 120	Acceptable	
d8THCV	2	0.0340	0.0343	%	99.1	80.0	- 120	Acceptable	
THCVA	2	0.0314	0.0312	%	100	80.0	- 120	Acceptable	
CBN	1	0.0306	0.0304	%	101	80.0	- 120	Acceptable	
exo-THC	2	0.0270	0.0278	%	97.4	80.0	- 120	Acceptable	
d9THC	1	0.0320	0.0322	%	99.3	90.0	- 110	Acceptable	
d8THC	1	0.0310	0.0315	%	98.5	90.0	- 110	Acceptable	
9S-d10THC	1	0.0310	0.0316	%	97.9	80.0	- 120	Acceptable	
CBL	2	0.0302	0.0322	%	93.6	80.0	- 120	Acceptable	
9S-HHC	3	0.0303	0.0323	%	93.6	80.0	- 120	Acceptable	
9R-d10THC	1	0.0301	0.0338	%	88.9	80.0	- 120	Acceptable	
CBC	2	0.0317	0.0325	%	97.7	80.0	- 120	Acceptable	
9R-HHC	3	0.0306	0.0326	%	93.9	80.0	- 120	Acceptable	
THCA	1	0.0322	0.0304	%	106	90.0	- 110	Acceptable	
CBCA	2	0.0323	0.0328	%	98.7	80.0	- 120	Acceptable	
CBLA	2	0.0324	0.0329	%	98.6	80.0	- 120	Acceptable	
d9THCP	2	0.0299	0.0318	%	94.2	80.0	- 120	Acceptable	
d8THCO	3	0.0302	0.0318	%	94.9	80.0	- 120	Acceptable	
CBT	2	0.0289	0.0324	%	89.3	80.0	- 120	Acceptable	
d9THCO	3	0.0282	0.0297	%	94.9	80.0	- 120	Acceptable	
Method Blank									
Analyte		Result	LOQ	Units		Limits		Evaluation	Notes
CBDVA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBDV		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBE		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBDA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBGA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBG		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBD		<LOQ	0.00322	%		< 0.00322		Acceptable	
THCV		<LOQ	0.00322	%		< 0.00322		Acceptable	
d8THCV		<LOQ	0.00322	%		< 0.00322		Acceptable	
THCVA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBN		<LOQ	0.00322	%		< 0.00322		Acceptable	
exo-THC		<LOQ	0.00322	%		< 0.00322		Acceptable	
d9THC		<LOQ	0.00322	%		< 0.00322		Acceptable	
d8THC		<LOQ	0.00322	%		< 0.00322		Acceptable	
9S-d10THC		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBL		<LOQ	0.00322	%		< 0.00322		Acceptable	
9S-HHC		<LOQ	0.00322	%		< 0.00322		Acceptable	
9R-d10THC		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBC		<LOQ	0.00322	%		< 0.00322		Acceptable	
9R-HHC		<LOQ	0.00322	%		< 0.00322		Acceptable	
THCA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBCA		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBLA		<LOQ	0.00322	%		< 0.00322		Acceptable	
d9THCP		<LOQ	0.00322	%		< 0.00322		Acceptable	
d8THCO		<LOQ	0.00322	%		< 0.00322		Acceptable	
CBT		<LOQ	0.00322	%		< 0.00322		Acceptable	
d9THCO		<LOQ	0.00322	%		< 0.00322		Acceptable	

#### Abbreviations

ND - None Detected at or above MRI

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Revision: 4 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

#### Laboratory Quality Control Results

J AOAC 2015 V98-6			Batch ID: 2404515					
Sample Duplicate			Sample ID: 24-006281-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBD	0.00651	0.00659	0.00325	%	1.24	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d9THC	0.263	0.259	0.00325	%	1.53	< 20	Acceptable	
d8THC	0.00445	0.00424	0.00325	%	4.85	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.00325	%	NA	< 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	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.