



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



Report Number: 24-007531/D001.R000
Report Date: 07/15/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/11/24 12:32

Customer: NW Natural Goods
Product identity: HEMP- DSB B1

Client/Metric ID: .
Laboratory ID: 24-007531-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	20.0		mg/4g		CBD-Total per Serving Size 20.0 mg/4g
Δ9-THC per 4g	2.42		mg/4g		Delta-9-THC-Total per 2.42 mg/4g
(Reported in milligrams per serving)					



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Customer: NW Natural Goods
Product identity: HEMP- DSB B1
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-007531-0001
Evidence of Cooling: No
Temp: 21.8 °C
Serving Size #1: 4 g

Sample Results

Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405299	Analyze: 7/12/24 11:07:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 4g	< LOQ		mg/4g	0.127	
CBC-A per 4g	< LOQ		mg/4g	0.127	
CBC-Total per 4g	< LOQ		mg/4g	0.238	
CBD per 4g	20.0		mg/4g	0.127	
CBD-A per 4g [±]	< LOQ		mg/4g	0.127	
CBD-Total per 4g [±]	20.0		mg/4g	0.238	
CBDV per 4g	< LOQ		mg/4g	0.127	
CBDV-A per 4g	< LOQ		mg/4g	0.127	
CBDV-Total per 4g	< LOQ		mg/4g	0.237	
CBE per 4g	< LOQ		mg/4g	0.127	
CBG per 4g	< LOQ		mg/4g	0.127	
CBG-A per 4g	< LOQ		mg/4g	0.127	
CBG-Total per 4g	< LOQ		mg/4g	0.237	
CBL per 4g	< LOQ		mg/4g	0.127	
CBL-A per 4g	< LOQ		mg/4g	0.127	
CBL-Total per 4g	< LOQ		mg/4g	0.238	
CBN per 4g	< LOQ		mg/4g	0.127	
CBT per 4g	< LOQ		mg/4g	0.127	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.127	
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.127	
Δ10-THC-Total per 4g	< LOQ		mg/4g	0.254	
Δ8-THC per 4g [±]	< LOQ		mg/4g	0.127	
Δ8-THCV per 4g	< LOQ		mg/4g	0.127	
Δ9-THC per 4g [±]	2.42		mg/4g	0.127	
Δ9-THC-Total per 4g	2.42		mg/4g	0.238	
Δ9-THCP per 4g	< LOQ		mg/4g	0.127	
Δ9-THCV per 4g	< LOQ		mg/4g	0.127	
Δ9-THCV-A per 4g	< LOQ		mg/4g	0.127	
Δ9-THCV-Total per 4g	< LOQ		mg/4g	0.238	
exo-THC per 4g	< LOQ		mg/4g	0.127	
THC-A per 4g [±]	< LOQ		mg/4g	0.127	



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Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^h	Units mg/se	Batch: 2405299	Analyze: 7/12/24 11:07:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 4g	22.5		mg/4g		



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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/4g = Milligram per 4g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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Hemp & Cannabis
 Chain of Custody

Northwest-Natural-
 Goods-1720704520

Company Details Company: <u>Northwest Natural Goods</u> [Redacted] [Redacted] [Redacted] [Redacted] [Redacted] [Redacted] [Redacted]					Project Details Turnaround Time: <u>2 Business Days</u> <u>Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>Pick-Up Courier Service</u> Compliance: <u>Compliance</u> Project Name / ID: <u>HEMP- DSB B1</u> Pick-Up Details Pick-Up Location Name: <u>Northwest Natural Goods</u> [Redacted] [Redacted] [Redacted]					Testing H0010 - Potency Cannabis (Basic+Expanded)
Receipt Information										
Prelog Storage: <u>Canna Shelves</u>										
Sample Condition: <u>Satisfactory</u>										
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size					
1	HEMP- DSB B1	Cannabinoid Edible	20 each	mg/g & mg/serving	4g	✓				

Relinquished By	Date	Time	Temp., °C	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>KRISTEN JOHNSON</i>	<i>07/11/2024</i>	<i>06:28</i>	<i>Temp., °C</i>	<i>BR</i>	<i>07/11/2024</i>	<i>11:21</i>	<i>25</i>	<i>No</i>
<i>BR</i>	<i>07/11/2024</i>	<i>12:10</i>	<i>21.8</i>	<i>det</i>	<i>07/11/2024</i>	<i>12:32</i>	<i>21.8</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

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www.columbialaboratories.com



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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: 2405299

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0328	0.0318	%	103	80.0 - 120	Acceptable	
CBDV	2	0.0324	0.0322	%	101	80.0 - 120	Acceptable	
CBE	2	0.0319	0.0318	%	100	80.0 - 120	Acceptable	
CBDA	1	0.0298	0.0303	%	98.3	90.0 - 110	Acceptable	
CBGA	1	0.0309	0.0308	%	100	80.0 - 120	Acceptable	
CBG	1	0.0362	0.0365	%	99.3	80.0 - 120	Acceptable	
CBD	1	0.0348	0.0352	%	98.8	90.0 - 110	Acceptable	
THCV	2	0.0351	0.0339	%	103	80.0 - 120	Acceptable	
d8THCV	2	0.0348	0.0343	%	101	80.0 - 120	Acceptable	
THCVA	2	0.0322	0.0312	%	103	80.0 - 120	Acceptable	
CBN	1	0.0333	0.0335	%	99.4	80.0 - 120	Acceptable	
exo-THC	2	0.0280	0.0278	%	101	80.0 - 120	Acceptable	
d9THC	1	0.0344	0.0343	%	100	90.0 - 110	Acceptable	
d8THC	1	0.0296	0.0305	%	96.8	90.0 - 110	Acceptable	
9S-d10THC	1	0.0312	0.0320	%	97.5	80.0 - 120	Acceptable	
CBL	2	0.0323	0.0322	%	100	80.0 - 120	Acceptable	
9R-d10THC	1	0.0303	0.0314	%	96.4	80.0 - 120	Acceptable	
CBC	2	0.0324	0.0325	%	99.6	80.0 - 120	Acceptable	
THCA	1	0.0319	0.0309	%	103	90.0 - 110	Acceptable	
CBCA	2	0.0325	0.0328	%	99.2	80.0 - 120	Acceptable	
CBLA	2	0.0327	0.0329	%	99.5	80.0 - 120	Acceptable	
d9THCP	2	0.0315	0.0318	%	99.3	80.0 - 120	Acceptable	
CBT	2	0.0304	0.0324	%	93.7	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBDV	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBE	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBDA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBGA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBG	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBD	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCV	<LOQ	0.00331	%	< 0.00331	Acceptable	
d8THCV	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCVA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBN	<LOQ	0.00331	%	< 0.00331	Acceptable	
exo-THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
d9THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
d8THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
9S-d10THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBL	<LOQ	0.00331	%	< 0.00331	Acceptable	
9R-d10THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBC	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBCA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBLA	<LOQ	0.00331	%	< 0.00331	Acceptable	
d9THCP	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBT	<LOQ	0.00331	%	< 0.00331	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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Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2405299						
Sample Duplicate		Sample ID: 24-007439-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBG	0.00696	0.00701	0.00331	%	0.717	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBN	0.297	0.299	0.00331	%	0.465	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d9THC	0.287	0.288	0.00331	%	0.384	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBC	0.00420	0.00421	0.00331	%	0.278	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00331	%	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.