



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

Report Number: 24-007470/D001.R000
Report Date: 07/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/10/24 13:10



Customer: NW Natural Goods
Product identity: HEMP-DSB 0001

Client/Metric ID: .
Laboratory ID: 24-007470-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	19.0		mg/4g		CBD-Total per Serving Size 19.0 mg/4g
Δ9-THC per 4g	2.56		mg/4g		Delta-9-THC-Total per 2.56 mg/4g
					(Reported in milligrams per serving)



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Customer: NW Natural Goods

Product identity: HEMP-DSB 0001

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-007470-0001

Evidence of Cooling: No

Temp: 19.8 °C

Relinquished by: client

Serving Size #1: 4 g

Sample Results

Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405264	Analyze: 7/12/24 2:07:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 4g	< LOQ		mg/4g	0.128	
CBC-A per 4g	< LOQ		mg/4g	0.128	
CBC-Total per 4g	< LOQ		mg/4g	0.241	
CBD per 4g	19.0		mg/4g	0.128	
CBD-A per 4g ¹	< LOQ		mg/4g	0.128	
CBD-Total per 4g ¹	19.0		mg/4g	0.241	
CBDV per 4g	< LOQ		mg/4g	0.128	
CBDV-A per 4g	< LOQ		mg/4g	0.128	
CBDV-Total per 4g	< LOQ		mg/4g	0.240	
CBE per 4g	< LOQ		mg/4g	0.128	
CBG per 4g	< LOQ		mg/4g	0.128	
CBG-A per 4g	< LOQ		mg/4g	0.128	
CBG-Total per 4g	< LOQ		mg/4g	0.240	
CBL per 4g	< LOQ		mg/4g	0.128	
CBL-A per 4g	< LOQ		mg/4g	0.128	
CBL-Total per 4g	< LOQ		mg/4g	0.241	
CBN per 4g	< LOQ		mg/4g	0.128	
CBT per 4g	< LOQ		mg/4g	0.128	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.128	
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.128	
Δ10-THC-Total per 4g	< LOQ		mg/4g	0.257	
Δ8-THC per 4g ¹	< LOQ		mg/4g	0.128	
Δ8-THCV per 4g	< LOQ		mg/4g	0.128	
Δ9-THC per 4g ¹	2.56		mg/4g	0.128	
Δ9-THC-Total per 4g	2.56		mg/4g	0.241	
Δ9-THCP per 4g	< LOQ		mg/4g	0.128	
Δ9-THCV per 4g	< LOQ		mg/4g	0.128	
Δ9-THCV-A per 4g	< LOQ		mg/4g	0.128	
Δ9-THCV-Total per 4g	< LOQ		mg/4g	0.241	
exo-THC per 4g	< LOQ		mg/4g	0.128	



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Potency per 4g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se	Batch: 2405264	Analyze: 7/12/24 2:07:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
THC-A per 4g ^L	< LOQ		mg/4g	0.128		
Total Cannabinoids per 4g	21.5		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.

^p = 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-1720628958

Company Details Company: <u>Northwest Natural Goods</u> Contact: <u>Kristen Johnson</u> Street Address: <u>11791 SE HWY 212</u> City, State, Zip: <u>Clackamas, OR 97015</u> Email: <u>kjohnson@nwnaturalgoods.com</u> Contact Phone: <u>3865699210</u> Company Phone: <u>3865699210</u> Billing Information Billing Email: <u>ap@nwconfections.com</u>			Project Details Turnaround Time: <u>2 Business Days</u> Surcharges Apply Relinquishment Sampling, Courier & Shipping Options: <u>Pick-Up Courier Service</u> Compliance: <u>Compliance</u> Project Name / ID: <u>HEMP- SB D1</u> Pick-Up Details Pick-Up Location Name: <u>Northwest Natural Goods</u> Contact Phone: <u>3865699210</u> Address Line 1: <u>11791 SE HWY 212</u> City, State, Zip: <u>Clackamas, OR 97015</u> Receipt Information Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing H0010 - Potency Cannabis (Basic+Expanded)
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	
1	HEMP- SB D1	Cannabinoid Edible	20 each	mg/g & mg/serving	4 g	

Relinquished By	Date	Time	Temp., °C	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>KRISTEN JOHNSON</i>	<i>07/10/2024</i>	<i>09:29</i>		<i>BR</i>	<i>07/10/2024</i>	<i>10:08</i>	<i>25</i>	<i>No</i>
<i>BR</i>	<i>07/10/2024</i>	<i>12:34</i>	<i>19,8</i>	<i>det</i>	<i>07/10/2024</i>	<i>13:10</i>	<i>19,8</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

P: (503) 254-1794
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www.columbiaboratories.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: 0**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0324	0.0316	%	103	80.0 - 120	Acceptable	
CBDV	2	0.0319	0.0319	%	99.8	80.0 - 120	Acceptable	
CBE	2	0.0323	0.0316	%	102	80.0 - 120	Acceptable	
CBDA	1	0.0306	0.0308	%	99.4	90.0 - 110	Acceptable	
CBGA	1	0.0311	0.0313	%	99.4	80.0 - 120	Acceptable	
CBG	1	0.0365	0.0371	%	98.5	80.0 - 120	Acceptable	
CBD	1	0.0349	0.0358	%	97.6	90.0 - 110	Acceptable	
THCV	2	0.0347	0.0337	%	103	80.0 - 120	Acceptable	
d8THCV	2	0.0343	0.0341	%	100	80.0 - 120	Acceptable	
THCVA	2	0.0319	0.0310	%	103	80.0 - 120	Acceptable	
CBN	1	0.0336	0.0340	%	98.7	80.0 - 120	Acceptable	
exo-THC	2	0.0277	0.0276	%	100	80.0 - 120	Acceptable	
d9THC	1	0.0344	0.0348	%	98.7	90.0 - 110	Acceptable	
d8THC	1	0.0302	0.0310	%	97.3	90.0 - 110	Acceptable	
9S-d10THC	1	0.0315	0.0325	%	96.7	80.0 - 120	Acceptable	
CBL	2	0.0316	0.0320	%	98.9	80.0 - 120	Acceptable	
9R-d10THC	1	0.0305	0.0319	%	95.5	80.0 - 120	Acceptable	
CBC	2	0.0318	0.0323	%	98.6	80.0 - 120	Acceptable	
THCA	1	0.0324	0.0315	%	103	90.0 - 110	Acceptable	
CBCA	2	0.0323	0.0326	%	99.2	80.0 - 120	Acceptable	
CBLA	2	0.0329	0.0327	%	101	80.0 - 120	Acceptable	
d9THCP	2	0.0313	0.0316	%	99.1	80.0 - 120	Acceptable	
CBT	2	0.0299	0.0322	%	92.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBDV	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBE	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBDA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBGA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBG	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBD	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCV	<LOQ	0.00319	%	< 0.00319	Acceptable	
d8THCV	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCVA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBN	<LOQ	0.00319	%	< 0.00319	Acceptable	
exo-THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
d9THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
d8THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
9S-d10THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBL	<LOQ	0.00319	%	< 0.00319	Acceptable	
9R-d10THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBC	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBCA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBLA	<LOQ	0.00319	%	< 0.00319	Acceptable	
d9THCP	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBT	<LOQ	0.00319	%	< 0.00319	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:

% - Percent



Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 0						
Sample Duplicate		Sample ID: 24-007305-0001-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBG	0.267	0.269	0.00320	%	0.689	< 20	Acceptable	
CBD	0.488	0.492	0.00320	%	0.754	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBC	0.00340	0.00342	0.00320	%	0.540	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00320	%	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.