



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



Report Number: 24-007258/D005.R000
Report Date: 07/11/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/03/24 11:20

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

Client/Metric ID: .
Laboratory ID: 24-007258-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	18.3		mg/4g		CBD-Total per Serving Size 18.3 mg/4g
CBN per 4g	4.88		mg/4g		
Δ9-THC per 4g	2.41		mg/4g		Delta-9-THC-Total per 2.41 mg/4g
					(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile	< LOQ for all analytes		

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



Customer: NW Natural Goods
Product identity: HEMP- DDCH 0001
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-007258-0001
Evidence of Cooling: No
Temp: 19.8 °C
Serving Size #1: 4 g

Sample Results

Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405129	Analyze: 7/8/24 7:06:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 4g	< LOQ		mg/4g	0.124	
CBC-A per 4g	< LOQ		mg/4g	0.124	
CBC-Total per 4g	< LOQ		mg/4g	0.234	
CBD per 4g	18.3		mg/4g	0.124	
CBD-A per 4g [±]	< LOQ		mg/4g	0.124	
CBD-Total per 4g [±]	18.3		mg/4g	0.234	
CBDV per 4g	< LOQ		mg/4g	0.124	
CBDV-A per 4g	< LOQ		mg/4g	0.124	
CBDV-Total per 4g	< LOQ		mg/4g	0.232	
CBE per 4g	< LOQ		mg/4g	0.124	
CBG per 4g	< LOQ		mg/4g	0.124	
CBG-A per 4g	< LOQ		mg/4g	0.124	
CBG-Total per 4g	< LOQ		mg/4g	0.232	
CBL per 4g	< LOQ		mg/4g	0.124	
CBL-A per 4g	< LOQ		mg/4g	0.124	
CBL-Total per 4g	< LOQ		mg/4g	0.234	
CBN per 4g	4.88		mg/4g	0.124	
CBT per 4g	< LOQ		mg/4g	0.124	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.124	
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.124	
Δ10-THC-Total per 4g	< LOQ		mg/4g	0.249	
Δ8-THC per 4g [±]	< LOQ		mg/4g	0.124	
Δ8-THCV per 4g	< LOQ		mg/4g	0.124	
Δ9-THC per 4g [±]	2.41		mg/4g	0.124	
Δ9-THC-Total per 4g	2.41		mg/4g	0.234	
Δ9-THCP per 4g	< LOQ		mg/4g	0.124	
Δ9-THCV per 4g	< LOQ		mg/4g	0.124	
Δ9-THCV-A per 4g	< LOQ		mg/4g	0.124	
Δ9-THCV-Total per 4g	< LOQ		mg/4g	0.234	
exo-THC per 4g	< LOQ		mg/4g	0.124	
THC-A per 4g [±]	< LOQ		mg/4g	0.124	



Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405129	Analyze: 7/8/24 7:06:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 4g	25.6		mg/4g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2405061	07/07/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2405061	07/07/24 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2405062	07/08/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2405062	07/08/24 AOAC 2014.05 (RAPID)		

Solvents	Method: Residual Solvents by HS-GC-MS ^b	Units µg/g	Batch 2405087	Analyze 07/05/24 03:24 PM							
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	

Pesticides	Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2405229	Analyze 07/11/24 10:05 AM
Analyte	Result	Limits	Status	Notes
Multi-Residue Pesticide Profile	< LOQ for all analytes			



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Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ	0.200	mg/kg	0.0179	2405165	07/09/24 AOAC 2013.06 (mod.) ^Þ	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0179	2405165	07/09/24 AOAC 2013.06 (mod.) ^Þ	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0179	2405165	07/09/24 AOAC 2013.06 (mod.) ^Þ	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00894	2405165	07/09/24 AOAC 2013.06 (mod.) ^Þ	pass	

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	19.3		g/100g	0.10	2405138	07/08/24 AOAC 925.10 (mod.)		
Water Activity	0.719		Aw	0.030	2405149	07/09/24 AOAC 978.18		



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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

cfu/g = Colony forming units per gram

g = Gram

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

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

mg/4g = Milligram per 4g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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