



This is an amended version of report# 24-006327/D002.R001.

Reason: updated sample name

Customer: NW Natural Goods
Product identity: Hemp- DEB0002
Client/Metric ID: .
Laboratory ID: 24-006327-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	0.257		mg/4g		Delta-9-THC-Total per 10.5 mg/4g
CBN per 4g	4.56		mg/4g		
Δ8-THC per 4g	0.172		mg/4g		CBD-Total per Serving Size 0.257 mg/4g
Δ9-THC per 4g	10.5		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.



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



Report Number: 24-006327/D002.R002
Report Date: 07/19/2024
ORELAP#: OR100028
Purchase Order:
Received: 06/10/24 11:48

Customer: NW Natural Goods

Product identity: Hemp- DEB0002
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-006327-0001
Evidence of Cooling: No
Temp: 15.7 °C
Serving Size #1: 4 g

Sample Results

Potency per 4g Method: J AOAC 2015 V98-6 (mod) ^b Units mg/se Batch: 2404515 Analyze: 6/13/24 10:52:00 PM					
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	0.257		mg/4g	0.128	
CBD-A per 4g [±]	< LOQ		mg/4g	0.128	
CBD-Total per 4g [±]	0.257		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	4.56		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 [±]	0.172		mg/4g	0.128	
Δ8-THCV per 4g	< LOQ		mg/4g	0.128	
Δ9-THC per 4g [±]	10.5		mg/4g	0.128	
Δ9-THC-Total per 4g	10.5		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	
THC-A per 4g [±]	< LOQ		mg/4g	0.128	
Total Cannabinoids per 4g	15.5		mg/4g		



Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2404404	06/13/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2404404	06/13/24 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2404405	06/14/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2404405	06/14/24 AOAC 2014.05 (RAPID)		

Solvents

Method: Residual Solvents by HS-GC-MS ^b						Units µg/g	Batch 2404483	Analyze 06/13/24 12:25 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 2404461	Analyze 06/13/24 08:47 AM			
Analyte	Result	Limits	Status	Notes							
Multi-Residue Pesticide Profile	< LOQ for all analytes										

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [⊥]	< LOQ	0.200	mg/kg	0.0186	2404490	06/13/24 AOAC 2013.06 (mod.) ^b	pass	
Cadmium [⊥]	< LOQ	0.200	mg/kg	0.0186	2404490	06/13/24 AOAC 2013.06 (mod.) ^b	pass	
Lead [⊥]	< LOQ	0.500	mg/kg	0.0186	2404490	06/13/24 AOAC 2013.06 (mod.) ^b	pass	
Mercury [⊥]	< LOQ	0.100	mg/kg	0.00932	2404490	06/13/24 AOAC 2013.06 (mod.) ^b	pass	



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Nutrition								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status Notes
Moisture (Loss on Drying)	19.9		g/100g	0.10	2404491	06/12/24	AOAC 925.10 (mod.)	
Water Activity	0.741		Aw	0.030	2404438	06/12/24	AOAC 978.18	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

**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

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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