



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



**Report Number:** 22-014193/D003.R000  
**Report Date:** 11/29/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/22 12:04

**Customer:** NW Natural Goods  
**Product identity:** HEMP - PR 0030  
**Client/Metric ID:** .  
**Laboratory ID:** 22-014193-0001

### Summary

**Potency:**

Analyte per 4g	Result	Limits	Units	Status	
CBC per 4g	0.167		mg/4g		CBD-Total per Serving Size 21.4 mg/4g
CBD per 4g	21.4		mg/4g		
CBDV per 4g	0.138		mg/4g		THC-Total per Serving Size <LOQ
CBG per 4g	11.0		mg/4g		(Reported in milligrams per serving)
CBT per 4g	0.214		mg/4g		

**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.



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**Customer:** NW Natural Goods

**Product identity:** HEMP - PR 0030

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 22-014193-0001

**Evidence of Cooling:** No

**Temp:** 19.5 °C

**Relinquished by:** Ramos

**Serving Size #1:** 4 g

### Sample Results

Potency per 4g		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se Batch: 2210048		Analyze: 11/21/22 11:03:00 P
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 4g	0.167		mg/4g	0.127		
CBC-A per 4g	< LOQ		mg/4g	0.127		
CBC-Total per 4g	< LOQ		mg/4g	0.239		
CBD per 4g	21.4		mg/4g	0.127		
CBD-A per 4g	< LOQ		mg/4g	0.127		
CBD-Total per 4g	21.4		mg/4g	0.239		
CBDV per 4g	0.138		mg/4g	0.127		
CBDV-A per 4g	< LOQ		mg/4g	0.127		
CBDV-Total per 4g	< LOQ		mg/4g	0.238		
CBE per 4g	< LOQ		mg/4g	0.127		
CBG per 4g	11.0		mg/4g	0.127		
CBG-A per 4g	< LOQ		mg/4g	0.127		
CBG-Total per 4g	11.0		mg/4g	0.238		
CBL per 4g	< LOQ		mg/4g	0.127		
CBL-A per 4g	< LOQ		mg/4g	0.127		
CBL-Total per 4g	< LOQ		mg/4g	0.239		
CBN per 4g	< LOQ		mg/4g	0.127		
CBT per 4g	0.214		mg/4g	0.127		
Δ8-THCV per 4g	< LOQ		mg/4g	0.127		
Δ10-THC per 4g	< LOQ		mg/4g	0.127		
Δ8-THC per 4g	< LOQ		mg/4g	0.127		
Δ9-THC per 4g	< LOQ		mg/4g	0.127		
exo-THC per 4g	< LOQ		mg/4g	0.127		
THC-A per 4g	< LOQ		mg/4g	0.127		
THC-Total per 4g	< LOQ		mg/4g	0.239		
THCV per 4g	< LOQ		mg/4g	0.127		
THCV-A per 4g	< LOQ		mg/4g	0.127		
THCV-Total per 4g	< LOQ		mg/4g	0.239		
Total Cannabinoids per 4g	32.9		mg/4g			



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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2209967	11/21/22 AOAC 991.14 (Petrifilm) <sup>®</sup>		
Total Coliforms	< LOQ		cfu/g	10	2209967	11/21/22 AOAC 991.14 (Petrifilm) <sup>®</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2209968	11/22/22 AOAC 2014.05 (RAPID) <sup>®</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2209968	11/22/22 AOAC 2014.05 (RAPID) <sup>®</sup>		

**Solvents Method: Residual Solvents by GC/MS<sup>®</sup> Units µg/g Batch 2210038 Analyze 11/22/22 12:32 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)<sup>®</sup> Units mg/kg Batch 2210103 Analyze 11/29/22 01:16 PM**

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	0.0152	2210100	11/23/22 AOAC 2013.06 (mod.) <sup>®</sup>	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0152	2210100	11/23/22 AOAC 2013.06 (mod.) <sup>®</sup>	pass	
Lead	< LOQ	0.500	mg/kg	0.0152	2210100	11/23/22 AOAC 2013.06 (mod.) <sup>®</sup>	pass	
Mercury	< LOQ	0.100	mg/kg	0.00761	2210100	11/23/22 AOAC 2013.06 (mod.) <sup>®</sup>	pass	



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Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	18.6	15.0	g/100g	0.10	2210066	11/22/22 AOAC 925.10 (mod.) <sup>p</sup>	fail	
Water Activity	0.704	0.650	Aw	0.030	2209996	11/21/22 AOAC 978.18 <sup>p</sup>	fail	



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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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

### Units of Measure

cfu/g = Colony forming units per gram

g = g

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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