



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



Report Number: 23-000913/D003.R000
Report Date: 01/27/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/23/23 11:13

Customer: NW Natural Goods
Product identity: HEMP - EB 0063
Client/Metric ID: .
Laboratory ID: 23-000913-0001

Summary

Potency:

| Analyte per 4g | Result | Limits | Units | Status | |
|----------------|--------|--------|-------|--------|---|
| CBC per 4g | 0.218 | | mg/4g | | CBD-Total per Serving Size 25.5 mg/4g |
| CBD per 4g | 25.5 | | mg/4g | | |
| CBDV per 4g | 0.124 | | mg/4g | | THC-Total per Serving Size <LOQ (Reported in milligrams per serving) |
| CBG per 4g | 0.496 | | mg/4g | | |
| CBN per 4g | 5.24 | | 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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Product identity: HEMP - EB 0063

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-000913-0001

Evidence of Cooling: No

Temp: 19.6 °C

Relinquished by: Hinton

Serving Size #1: 4 g

Sample Results

| Potency per 4g | | Method: J AOAC 2015 V98-6 (mod) ^b | | Units mg/se Batch: 2300773 | | Analyze: 1/25/23 3:32:00 AM |
|---------------------------|--------|--|-------|----------------------------|-------|-----------------------------|
| Analyte | Result | Limits | Units | LOQ | Notes | |
| CBC per 4g | 0.218 | | mg/4g | 0.122 | | |
| CBC-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBC-Total per 4g | < LOQ | | mg/4g | 0.229 | | |
| CBD per 4g | 25.5 | | mg/4g | 0.122 | | |
| CBD-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBD-Total per 4g | 25.5 | | mg/4g | 0.229 | | |
| CBDV per 4g | 0.124 | | mg/4g | 0.122 | | |
| CBDV-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBDV-Total per 4g | < LOQ | | mg/4g | 0.227 | | |
| CBE per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBG per 4g | 0.496 | | mg/4g | 0.122 | | |
| CBG-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBG-Total per 4g | 0.496 | | mg/4g | 0.227 | | |
| CBL per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBL-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| CBL-Total per 4g | < LOQ | | mg/4g | 0.229 | | |
| CBN per 4g | 5.24 | | mg/4g | 0.122 | | |
| CBT per 4g | < LOQ | | mg/4g | 0.122 | | |
| Δ8-THCV per 4g | < LOQ | | mg/4g | 0.122 | | |
| Δ10-THC-9R per 4g | < LOQ | | mg/4g | 0.122 | | |
| Δ10-THC-9S per 4g | < LOQ | | mg/4g | 0.122 | | |
| Δ10-THC-Total per 4g | 0.000 | | mg/4g | 0.244 | | |
| Δ8-THC per 4g | < LOQ | | mg/4g | 0.122 | | |
| Δ9-THC per 4g | < LOQ | | mg/4g | 0.122 | | |
| exo-THC per 4g | < LOQ | | mg/4g | 0.122 | | |
| THC-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| THC-Total per 4g | < LOQ | | mg/4g | 0.229 | | |
| THCV per 4g | < LOQ | | mg/4g | 0.122 | | |
| THCV-A per 4g | < LOQ | | mg/4g | 0.122 | | |
| THCV-Total per 4g | < LOQ | | mg/4g | 0.229 | | |
| Total Cannabinoids per 4g | 31.7 | | mg/4g | | | |



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Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|-------------------------|--------|--------|-------|-----|---------|---|--------|-------|
| E.coli | < LOQ | | cfu/g | 10 | 2300700 | 01/26/23 AOAC 991.14 (Petrifilm) [®] | | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2300700 | 01/26/23 AOAC 991.14 (Petrifilm) [®] | | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2300701 | 01/27/23 AOAC 2014.05 (RAPID) [®] | | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2300701 | 01/27/23 AOAC 2014.05 (RAPID) [®] | | |

Solvents Method: Residual Solvents by GC/MS[®] Units µg/g Batch 2300804 Analyze 01/26/23 11:39 AM

| 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 2300812 Analyze 01/26/23 02:23 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 | 0.0186 | 2300807 | 01/26/23 AOAC 2013.06 (mod.) [®] | | pass |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0186 | 2300807 | 01/26/23 AOAC 2013.06 (mod.) [®] | | pass |
| Lead | < LOQ | 0.500 | mg/kg | 0.0186 | 2300807 | 01/26/23 AOAC 2013.06 (mod.) [®] | | pass |
| Mercury | < LOQ | 0.100 | mg/kg | 0.00932 | 2300807 | 01/26/23 AOAC 2013.06 (mod.) [®] | | pass |



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Nutrition

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|---------------------------|--------|--------|--------|-------|---------|--|--------|-------|
| Moisture (Loss on Drying) | 18.9 | | g/100g | 0.10 | 2300742 | 01/24/23 AOAC 925.10 (mod.) ^p | | |
| Water Activity | 0.702 | | Aw | 0.030 | 2300740 | 01/24/23 AOAC 978.18 ^p | | |



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These test results are representative of the individual sample selected and submitted by the client.

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.

^b = 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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