



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



Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/02/21 10:56

Customer: NW Natural Goods
Product identity: HEMP - BB 0050
Client/Metric ID: .
Laboratory ID: 21-002136-0001

Sample Date: 03/01/21

Summary

Potency:

| Analyte per 4g | Result | Limits | Units | Status | |
|--------------------------------------|--------|--------|-------|--------|-----------------------------|
| CBC per 4g [†] | 0.304 | | mg/4g | | CBD-Total per 4g 24.0 mg/4g |
| CBD per 4g | 24.0 | | mg/4g | | |
| CBN per 4g | 0.234 | | mg/4g | | THC-Total per 4g <LOQ |
| (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.



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Customer: NW Natural Goods

Product identity: HEMP - BB 0050
Client/Metric ID: .
Sample Date: 03/01/21
Laboratory ID: 21-002136-0001
Relinquished by: Brian Ramos
Temp: 18.9 °C
Serving Size #1: 4 g

Sample Results

| Potency per 4g | | | | | | Method J AOAC 2015 V98-6 (mod)Units mg/se | | Batch: 2101972 | | Analyze: 3/4/21 4:31:00 PM | |
|--|-------------|--------|--------------|-------|-------|---|--|----------------|--|----------------------------|--|
| Analyte | Result | Limits | Units | LOQ | Notes | | | | | | |
| CBC per 4g [†] | 0.304 | | mg/4g | 0.129 | | | | | | | |
| CBC-A per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBC-Total per 4g [†] | 0.304 | | mg/4g | 0.242 | | | | | | | |
| CBD per 4g | 24.0 | | mg/4g | 0.129 | | | | | | | |
| CBD-A per 4g | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBD-Total per 4g | 24.0 | | mg/4g | 0.242 | | | | | | | |
| CBDV per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBDV-A per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBDV-Total per 4g [†] | < LOQ | | mg/4g | 0.241 | | | | | | | |
| CBG per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBG-A per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBG-Total per 4g [†] | < LOQ | | mg/4g | 0.241 | | | | | | | |
| CBL per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| CBN per 4g | 0.234 | | mg/4g | 0.129 | | | | | | | |
| Δ8-THC per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| Δ9-THC per 4g | < LOQ | | mg/4g | 0.129 | | | | | | | |
| THC-A per 4g | < LOQ | | mg/4g | 0.129 | | | | | | | |
| THC-Total per 4g | < LOQ | | mg/4g | 0.242 | | | | | | | |
| THCV per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| THCV-A per 4g [†] | < LOQ | | mg/4g | 0.129 | | | | | | | |
| THCV-Total per 4g [†] | < LOQ | | mg/4g | 0.242 | | | | | | | |
| Total Cannabinoids 4g[†] | 24.6 | | mg/4g | | | | | | | | |

| Microbiology | | | | | | | | |
|-------------------------|--------|--------|-------|-----|---------|----------|-------------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes |
| E.coli | < LOQ | | cfu/g | 10 | 2101855 | 03/04/21 | AOAC 991.14 (Petrifilm) | X |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2101855 | 03/04/21 | AOAC 991.14 (Petrifilm) | X |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2101854 | 03/04/21 | AOAC 2014.05 (RAPID) | X |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2101854 | 03/04/21 | AOAC 2014.05 (RAPID) | X |



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| Solvents | | | | | | | | | | | |
|--------------------|----------------------------|--------|------|--------|------------|-------------------------|---------------------------|--------|------|--------|-------|
| Method | Residual Solvents by GC/MS | | | | Units µg/g | Batch 2101919 | Analyze 03/04/21 09:01 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 | < LOQ | | 200 | | |
| 2-Methylpentane | < LOQ | | 30.0 | | | 2-Propanol (IPA) | < LOQ | 5000 | 200 | pass | |
| 2,2-Dimethylbutane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane | < 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 | 30.0 | pass | |
| Hexanes (sum) | < LOQ | 290 | 150 | pass | | Isopropyl acetate | < LOQ | 5000 | 200 | pass | |
| Isopropylbenzene | < LOQ | 70.0 | 30.0 | pass | | m,p-Xylene | < LOQ | | 200 | | |
| Methanol | < LOQ | 3000 | 200 | pass | | Methylene chloride | < LOQ | 600 | 200 | pass | |
| Methylpropane | < 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 | < LOQ | 2170 | 600 | pass | |

| Pesticides | | | | | |
|--|-------------------------------|--------|-------------|---------------|---------------------------|
| Method | AOAC 2007.01 & EN 15662 (mod) | | Units mg/kg | Batch 2102073 | Analyze 03/09/21 09:42 AM |
| Analyte | Result | Limits | Status | Notes | |
| Multi-Residue Pesticide Profile ¹ | < LOQ for all analytes | | | | |

| Metals | | | | | | | | | |
|---------|--------|--------|-------|---------|---------|----------|---------------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| Arsenic | < LOQ | | mg/kg | 0.00697 | 2101910 | 03/03/21 | AOAC 2013.06 (mod.) | X | |
| Cadmium | < LOQ | | mg/kg | 0.00697 | 2101910 | 03/03/21 | AOAC 2013.06 (mod.) | X | |
| Lead | < LOQ | | mg/kg | 0.00697 | 2101910 | 03/03/21 | AOAC 2013.06 (mod.) | X | |
| Mercury | < LOQ | | mg/kg | 0.00348 | 2101910 | 03/03/21 | AOAC 2013.06 (mod.) | X | |

| Nutrition | | | | | | | | | |
|---------------------------|--------|--------|--------|-------|---------|----------|--------------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| Moisture (Loss on Drying) | 18.1 | | g/100g | 0.10 | 2101975 | 03/04/21 | AOAC 925.10 (mod.) | X | |
| Water Activity | 0.703 | | Aw | 0.030 | 2101938 | 03/03/21 | AOAC 978.18 | X | |

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



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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

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.

† = Analyte not NELAP accredited.

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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Fixis Labs
 Canrabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ (mg/kg) | Compound | LOQ (mg/kg) | Compound | LOQ (mg/kg) |
|-------------------------------|-------------|-------------------------|-------------|----------------------------|-------------|
| Abamectin | 0.100 | CIPC | 1.000 | Endrin | 0.100 |
| Acephate | 0.100 | Clethodim | 0.050 | EPN | 0.050 |
| Acequinocyl | 0.100 | Clethodim Sulfone | 0.050 | EPIC | 0.100 |
| Acetamiprid | 0.020 | Clethodim Sulfoxide | 0.050 | Esfenvalerate/ Fenvalerate | 0.200 |
| Acetochlor | 0.100 | Cbfezintezine | 0.020 | Etaconazole | 0.100 |
| Acrinathrin | 0.100 | Cbmazone | 0.020 | Ethalfuralin | 0.100 |
| Alachlor | 0.100 | Cbthianidin | 0.200 | Ethiofencarb | 0.050 |
| Aldicarb | 0.100 | Caumaphos | 0.050 | Ethion | 0.200 |
| Aldicarb sulfoxide | 0.100 | Crdoxyphos | 0.020 | Ethirimol | 0.100 |
| Aldoxycarb (Aldicarb-sulfone) | 0.100 | Cyazazine | 0.020 | Ethofumesate | 0.050 |
| Aldrin | 0.100 | Cyazofenphos | 0.020 | Ethoprophos | 0.020 |
| Ametoctradin | 0.020 | Cyatranylprole | 0.050 | Etofenprox | 0.020 |
| Ametryn | 0.500 | Cyazofamid | 0.020 | Etoxazole | 0.020 |
| Aspon | 0.100 | Cydoate | 0.100 | Etridiazole | 0.100 |
| Asulam | 0.100 | Cyfluthrin | 0.200 | Etrinfos | 0.020 |
| Atrazine | 0.100 | Cyhalothrin, lambda | 0.200 | Famoxadone | 0.200 |
| Atrazine-desethyl | 0.100 | Cymoxanil | 0.050 | Famphur | 0.100 |
| Azinphos-ethyl | 0.020 | Cypermethrin | 0.200 | Fenamidone | 0.020 |
| Azinphos-methyl | 0.020 | Cyprodinil | 0.100 | Fenamiphos | 0.020 |
| Azoxystrobin | 0.020 | Dadthal | 0.100 | Fenamiphos sulfone | 0.020 |
| Beralaxyl | 0.020 | Damhozide | 0.100 | Fenamiphos sulfoxide | 0.020 |
| Berdiocarb | 0.020 | DCPMU | 0.050 | Fenazaquin | 0.100 |
| Berfluralin | 0.100 | DD, qp'- | 0.100 | Fenbuconazole | 0.100 |
| Berxacor | 0.050 | DD, p,p'- | 0.100 | Fenchlorphos | 0.100 |
| Bersulide | 0.050 | DDE, o,p'- | 0.100 | Fenchlorphos-oxon | 0.100 |
| BHC alpha isomer | 0.100 | DDE, p,p'- | 0.100 | Fenhexamid | 0.100 |
| BHC beta isomer | 0.100 | DDT, o,p'- | 0.100 | Fenitrothion | 0.100 |
| BHC delta isomer | 0.500 | DDT, p,p'- | 0.100 | Fenobucarb | 0.050 |
| Bifenazate | 0.020 | DEF (Tribufos) | 0.100 | Fenoxycarb | 0.020 |
| Bifenthrin | 0.020 | Deltamethrin | 0.100 | Fenpropathrin | 0.050 |
| Boscalid | 0.020 | Desmedipham | 0.100 | Fenpyroximate | 0.020 |
| Bromophos-ethyl | 0.100 | Diallate | 0.100 | Fenson | 0.100 |
| Bromophos-methyl | 0.200 | Diazinon | 0.020 | Fensulfthion | 0.020 |
| Bromopropylate | 0.100 | Diazoxon | 0.100 | Fensulfthion oxon | 0.020 |
| Bromuconazole | 0.100 | Dichlobenil | 0.100 | Fensulfthion sulfone | 0.100 |
| Bupirimate | 0.020 | Dichlofluanid | 0.100 | Fensulfthion-oxon-sulfone | 0.020 |
| Buprofezin | 0.050 | Dichlorvos | 0.100 | Fenthion | 0.050 |
| Butachlor | 0.500 | Diclobutrazol | 0.050 | Fenthion oxon | 0.020 |
| Butralin | 0.200 | Dicofol | 0.100 | Fenthion oxon sulfone | 0.100 |
| Butylate | 0.100 | Dicrotophos | 0.050 | Fenthion oxon sulfoxide | 0.020 |
| Cadusafos | 0.020 | Dieldrin | 0.100 | Fenthion sulfoxide | 0.100 |
| Captaf | 1.000 | Diethofencarb | 0.020 | Fenthion sulfone | 0.050 |
| Cartaryl | 0.050 | Diethyltoluamide (DEET) | 0.050 | Fenuron | 0.020 |
| Cartendazim | 0.100 | Difenoconazole | 0.100 | Fipronil | 0.100 |
| Cartofuran | 0.020 | Dimethenamid | 0.050 | Fonicamid | 0.100 |
| Cartophenothion | 0.100 | Dimethoate | 0.050 | Fluchloralin | 0.100 |
| Cartoxin | 0.020 | Dimethomorph | 0.020 | Flucythrinate | 0.100 |
| Carfentrazone-ethyl | 0.100 | Diniconazole | 0.200 | Fludioxonil | 0.200 |
| Chlorantraniliprole | 0.020 | Dinotefuran | 0.200 | Flufenacet | 0.020 |
| Chordane, cis- | 0.200 | Dioxathion | 0.100 | Rumioxazin | 0.100 |
| Chordane, trans- | 0.200 | Diphenamid | 0.020 | Ruometuron | 0.020 |
| Chlorfenapyr | 0.500 | Diphenylamine | 0.100 | Ruopicolide | 0.050 |
| Chlorfenson | 0.200 | Disulfoton | 0.100 | Fuopyram | 0.020 |
| Chlorfenvinphos | 0.050 | Disulfoton sulfone | 0.100 | Fuoxastrobin | 0.050 |
| Chlorobenzilate | 0.100 | Disulfoton sulfoxide | 0.100 | Fupyradifurone | 0.020 |
| Chloroneb | 0.200 | Diuron | 0.050 | Fluridone | 0.100 |
| Chlorpyrifos | 0.050 | Edifenphos | 0.050 | Fusilazole | 0.020 |
| Chlorpyrifos-methyl | 0.200 | Endosulfan apha | 0.200 | Futolanil | 0.020 |
| | | Endosulfan beta | 0.200 | Futriafol | 0.020 |
| | | Endosulfan sulfate | 0.100 | Fluvalinate, tau- | 0.100 |
| | | | | Fluxapyroxad | 0.020 |



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Fixis Labs
 Cannabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) |
|----------------------|------------|-------------------------------|------------|--------------------------|------------|
| Fomesafen | 0.100 | Mexacarbate | 0.020 | Propamocarb | 0.050 |
| Fonofos | 0.100 | MGK 264 | 0.020 | Proparil | 0.050 |
| Forchlorfenuron | 0.050 | Mirex | 0.100 | Propargite | 0.050 |
| Formetanate | 0.050 | Molinate | 0.050 | Propazine | 0.020 |
| Furathiocarb | 0.020 | Monocrotophos | 0.100 | Propetamphos | 0.050 |
| Heptachlor | 0.100 | Monolinuron | 0.020 | Propham | 0.050 |
| Heptachlor epoxide | 0.100 | Myclobutanil | 0.050 | Propiconazole | 0.050 |
| Heptenophos | 0.100 | Naled | 0.100 | Propoxur | 0.050 |
| Hexachlorobenzene | 0.100 | Napropamide | 0.050 | Propoxycarbazone Na | 0.050 |
| Hexaconazole | 0.100 | Neburon | 0.020 | Propyzamide | 0.050 |
| Hexazinone | 0.100 | Nitrapyrin | 0.100 | Prathiofos | 0.100 |
| Hexythiazox | 0.020 | Norflurazon | 0.050 | Pyraclostrobin | 0.020 |
| Imazali | 0.100 | Omethoate | 0.100 | Pyrazophos | 0.050 |
| Imidacoprid | 0.100 | O-Phenylphenol | 0.100 | Pyrethrins | 0.050 |
| Indaziflam | 0.020 | Oxadixyl | 0.100 | Pyridaben | 0.020 |
| Indoxacarb | 0.020 | Oxaryl | 0.100 | Pyridafol | 0.100 |
| Iprobenfos | 0.100 | Oxamyl-oxime | 0.100 | Pyridate | 0.020 |
| Iprodione | 0.100 | Oxychlorane | 0.100 | Pyrimethanil | 0.050 |
| Isobenzan | 0.100 | Oxydemeton-Methyl | 0.100 | Pyriproxifen | 0.020 |
| Isocarbophos | 0.500 | Oxythioquinox | 0.200 | Pyroxasulfone | 0.020 |
| Isodrin | 0.100 | Padbutrazol | 0.050 | Pyroxulam | 0.020 |
| Isofenphos | 0.050 | Paraoxon-ethyl | 0.020 | Quinalphos | 0.050 |
| Isofenphos-methyl | 0.020 | Paraoxon methyl | 0.100 | Quinoxifen | 0.050 |
| Isofenphos oxon | 0.050 | Parathion ethyl | 0.100 | Quintozene (PQB) | 0.200 |
| Isoprocarb | 0.020 | Parathion methyl | 0.200 | Resmethrin | 0.050 |
| Isopropalin | 0.200 | Perconazole | 0.050 | Rotenone | 0.050 |
| Isoprothiolane | 0.050 | Perdimethalin | 0.050 | S421 | 0.100 |
| Isoproturon | 0.050 | Perflufen | 0.020 | Smaizine | 0.100 |
| Isoxaben | 0.050 | Pertachloroaniline | 0.100 | Smectryl | 0.200 |
| Isoxaflutole | 0.050 | Pertachloroanisole | 0.100 | Spinetoram | 0.020 |
| Kresoxim-methyl | 0.050 | Pentachlorobenzene (PCB) | 0.100 | Spinosad | 0.050 |
| Lactofen | 0.500 | Pentachlorothiobenzene (PCTA) | 0.100 | Spirodiclofen | 0.100 |
| Lenacl | 0.100 | Perthiopyrad | 0.020 | Spiromesifen | 0.050 |
| Lindane (gammaBHC) | 0.100 | Permethrin | 0.050 | Spirotetramat | 0.050 |
| Linuron | 0.020 | Peithane | 0.100 | Spiroxamine | 0.020 |
| Malaaxon | 0.050 | Phenmedipharm | 0.050 | Sulfotep | 0.050 |
| Malathion | 0.050 | Phenthoate | 0.050 | Sulfoxaflor | 0.050 |
| Mandipropamid | 0.020 | Phorate | 0.050 | Sulprofos | 0.020 |
| Mecarbam | 0.020 | Phorate Sulfone | 0.050 | Tebuconazole | 0.100 |
| Mepanipyrim | 0.050 | Phorate Sulfoxide | 0.050 | Tebufenozide | 0.020 |
| Merphos | 0.500 | Phosalone | 0.050 | Tebuthiuron | 0.020 |
| Metalaxyl | 0.050 | Phosmet | 0.100 | Tecnazene | 0.100 |
| Metaldehyde | 0.050 | Phosphamidon | 0.050 | Tefluthrin | 0.100 |
| Metconazole | 0.100 | Phoxim | 0.050 | Terbufos | 0.020 |
| Methacifos | 0.100 | Pinoxaden | 0.020 | Terbufos sulfone | 0.050 |
| Methamidophos | 0.050 | Piperonyl butoxide | 0.050 | Terbufos sulfoxide | 0.050 |
| Methidathion | 0.050 | Pirimicarb | 0.020 | Terbutylazine | 0.020 |
| Methiocarb | 0.050 | Pirimiphos-methyl | 0.050 | Terbutryn | 0.020 |
| Methiocarb sulfone | 0.100 | Pirimiphos-ethyl | 0.020 | Tetrachlorvinphos | 0.050 |
| Methiocarb sulfoxide | 0.100 | Prallethrin | 0.100 | Tetraconazole | 0.050 |
| Methomyl | 0.100 | Prochloraz | 0.020 | Tetradfon | 0.200 |
| Methoxychlor | 0.100 | Procyimdone | 0.100 | Tetramethrin | 0.050 |
| Methoxyfenozide | 0.020 | Prdenofos | 0.100 | Tetrasul | 0.100 |
| Metobromuron | 0.050 | Prfluralin | 0.100 | Thiabendazole | 0.100 |
| Metolachlor | 0.100 | Promecarb | 0.050 | Thiabendazole, 5-hydroxy | 0.100 |
| Metolcarb | 0.050 | Prometon | 0.100 | Thiadoprid | 0.050 |
| Metrifenone | 0.050 | Prometryn | 0.020 | Thiamethoxam | 0.100 |
| Metribuzin | 0.100 | Propadchlor | 0.020 | Thiobencarb | 0.050 |
| Mevinphos | 0.100 | | | Thiodicarb | 0.050 |
| | | | | Thiophanate-methyl | 0.050 |



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PIXIS Labs
 Cannabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) |
|------------------|------------|--------------|------------|-----------------|------------|
| Tolclofos-methyl | 0.100 | Triazophos | 0.020 | Trifloxystrobin | 0.020 |
| Triforin | 0.100 | Tolyfluarid | 0.050 | Triticonazole | 0.050 |
| Tralkoxydim | 0.100 | Tridiphane | 0.500 | Vindozolin | 0.100 |
| Triadimefon | 0.050 | Triflumizole | 0.020 | Zoxamide | 0.020 |
| Triallate | 0.100 | Trifluralin | 0.100 | | |

LOQ=Limit of Quantitation, mg/kg

Factors affecting the LOQ include instrumentation sensitivity for a particular analyte, sample size, moisture content (percent solids) of the sample, effectiveness of the cleanup on the sample extract, and especially the type of sample matrix.



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Cannabis Chain of Custody Record

ORELAP ID: OR100028

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| Company: NW Natural Goods | | Analysis Requested | | | | | | | | | | | Purchase Order Number: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contact: Isaac Velasquez | | <table border="1"> <tr> <td colspan="11">OPEN MARKET</td> </tr> <tr> <td colspan="11">Project Number:</td> </tr> <tr> <td colspan="11">Project Name:</td> </tr> <tr> <td colspan="11"> <input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 </td> </tr> <tr> <td colspan="2">Address: 11791 SE HWY 212, Clackamas, OR 97015</td> <td colspan="11"></td> <td colspan="3">Other:</td> </tr> <tr> <td colspan="2">Email: isaacv@nwnaturalgoods.com</td> <td colspan="11"></td> <td colspan="3"></td> </tr> <tr> <td colspan="2">Phone: 818-644-9479 Fax:</td> <td colspan="11"></td> <td colspan="3"></td> </tr> <tr> <td colspan="2">Processor's License: 330-1058115IHH</td> <td colspan="11"></td> <td colspan="3"></td> </tr> <tr> <td>Field ID</td> <td>Date/Time Collected</td> <td>Pesticides - OR 59 compounds</td> <td>Pesticide Multi-Residue - 379 compounds</td> <td>Potency</td> <td>Residual Solvents</td> <td>Water Activity</td> <td>Moisture</td> <td>Terpenes</td> <td>Micro: Yeast and Mold</td> <td>Micro: E. Coli and Total Coliform</td> <td>Heavy Metals</td> <td>Mycotoxins</td> <td>Other</td> <td>Matrix</td> <td>Weight</td> <td>Serving size for edibles</td> <td>Comments/Metric ID</td> </tr> <tr> <td>1 HEMP - BB 0050</td> <td>3/1/2021</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>edible</td> <td>40g</td> <td>4g</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> | | | | | | | | | | | OPEN MARKET | | | | | | | | | | | Project Number: | | | | | | | | | | | Project Name: | | | | | | | | | | | <input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 | | | | | | | | | | | Address: 11791 SE HWY 212, Clackamas, OR 97015 | | | | | | | | | | | | | Other: | | | Email: isaacv@nwnaturalgoods.com | | | | | | | | | | | | | | | | Phone: 818-644-9479 Fax: | | | | | | | | | | | | | | | | Processor's License: 330-1058115IHH | | | | | | | | | | | | | | | | Field ID | Date/Time Collected | Pesticides - OR 59 compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Water Activity | Moisture | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Matrix | Weight | Serving size for edibles | Comments/Metric ID | 1 HEMP - BB 0050 | 3/1/2021 | | X | X | X | X | X | | X | X | X | | | edible | 40g | 4g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPEN MARKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Project Name: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Address: 11791 SE HWY 212, Clackamas, OR 97015 | | | | | | | | | | | | | Other: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email: isaacv@nwnaturalgoods.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: 818-644-9479 Fax: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processor's License: 330-1058115IHH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field ID | Date/Time Collected | Pesticides - OR 59 compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Water Activity | Moisture | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Matrix | Weight | Serving size for edibles | Comments/Metric ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 HEMP - BB 0050 | 3/1/2021 | | X | X | X | X | X | | X | X | X | | | edible | 40g | 4g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|--|------------------|----------|------|--------------|--------|-------|---|
| Collected By: | Relinquished By: | Date | Time | Received by: | Date | Time | Lab Use Only: |
| <input checked="" type="checkbox"/> Standard (5 day) | Isaac Velasquez | 3/2/2021 | 1020 | <i>BN</i> | 3.2.21 | 1020 | Client Alias: |
| <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) | <i>BN</i> | 3.2.21 | 1050 | <i>JB</i> | 3/2/21 | 10:56 | Order Number: |
| <input type="checkbox"/> Priority Rush (2 day) (2x Standard) | | | | | | | Proper Container |
| | | | | | | | Sample Condition |
| | | | | | | | Temperature: <i>18.9 c</i> |
| | | | | | | | Shipped Via: |
| | | | | | | | Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No |

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 1.00 Control#: CF023
Effective 11/8/2018 Revised 11/8/2018

www.pixislabs.com

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



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



Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/02/21 10:56

Laboratory Quality Control Results

| Residual Solvents | | Batch ID: 2101919 | | | | | | | |
|-----------------------|---------------------------|-------------------|-------|--------|-------|-------|-------|--------|-------|
| Method Blank | Laboratory Control Sample | | | | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | %Rec | Limits | Notes |
| Propane | ND | < 200 | | 616 | 595 | µg/g | 103.5 | 70 | - 130 |
| Isobutane | ND | < 200 | | 825 | 761 | µg/g | 106.4 | 70 | - 130 |
| Butane | ND | < 200 | | 853 | 761 | µg/g | 112.1 | 70 | - 130 |
| 2,2-Dimethylpropane | ND | < 200 | | 1010 | 955 | µg/g | 105.6 | 70 | - 130 |
| Methanol | ND | < 200 | | 1560 | 1610 | µg/g | 96.9 | 70 | - 130 |
| Ethylene Oxide | ND | < 30 | | 58.3 | 58.3 | µg/g | 100.0 | 70 | - 130 |
| 2-Methylbutane | ND | < 200 | | 1520 | 1630 | µg/g | 93.3 | 70 | - 130 |
| Hexane | ND | < 200 | | 1460 | 1610 | µg/g | 90.7 | 70 | - 130 |
| Ethanol | ND | < 200 | | 1680 | 1620 | µg/g | 103.7 | 70 | - 130 |
| Ethyl Ether | ND | < 200 | | 1570 | 1630 | µg/g | 96.3 | 70 | - 130 |
| 2,2-Dimethylbutane | ND | < 30 | | 176 | 176 | µg/g | 100.0 | 70 | - 130 |
| Acetone | ND | < 200 | | 1470 | 1610 | µg/g | 91.3 | 70 | - 130 |
| 2-Propanol | ND | < 200 | | 1680 | 1620 | µg/g | 103.7 | 70 | - 130 |
| Ethyl Formate | ND | < 500 | | 1730 | 1600 | µg/g | 108.1 | 70 | - 130 |
| Acetonitrile | ND | < 100 | | 482 | 499 | µg/g | 96.6 | 70 | - 130 |
| Methyl Acetate | ND | < 500 | | 2070 | 1600 | µg/g | 129.4 | 70 | - 130 |
| 2,3-Dimethylbutane | ND | < 30 | | 136 | 165 | µg/g | 82.4 | 70 | - 130 |
| Dichloromethane | ND | < 200 | | 444 | 482 | µg/g | 92.1 | 70 | - 130 |
| 2-Methylpentane | ND | < 30 | | 151 | 164 | µg/g | 92.1 | 70 | - 130 |
| MIBK | ND | < 500 | | 1690 | 1610 | µg/g | 105.0 | 70 | - 130 |
| 3-Methylpentane | ND | < 30 | | 153 | 163 | µg/g | 93.9 | 70 | - 130 |
| Hexane | ND | < 30 | | 150 | 166 | µg/g | 90.4 | 70 | - 130 |
| 1-Propanol | ND | < 500 | | 1740 | 1610 | µg/g | 108.1 | 70 | - 130 |
| Methylethylketone | ND | < 500 | | 1820 | 1620 | µg/g | 112.3 | 70 | - 130 |
| Ethyl acetate | ND | < 200 | | 1620 | 1610 | µg/g | 100.6 | 70 | - 130 |
| 2-Butanol | ND | < 200 | | 1850 | 1620 | µg/g | 114.2 | 70 | - 130 |
| Tetrahydrofuran | ND | < 100 | | 410 | 509 | µg/g | 80.6 | 70 | - 130 |
| Cyclohexane | ND | < 200 | | 1590 | 1620 | µg/g | 98.1 | 70 | - 130 |
| 2-methyl-1-propanol | ND | < 500 | | 1490 | 1610 | µg/g | 92.5 | 70 | - 130 |
| Benzene | ND | < 1 | | 32.2 | 30.2 | µg/g | 106.6 | 70 | - 130 |
| Isopropyl Acetate | ND | < 200 | | 2060 | 1610 | µg/g | 128.0 | 70 | - 130 |
| Heptane | ND | < 200 | | 1880 | 1610 | µg/g | 116.8 | 70 | - 130 |
| 1-Butanol | ND | < 500 | | 1500 | 1600 | µg/g | 93.8 | 70 | - 130 |
| Propyl Acetate | ND | < 500 | | 1860 | 1600 | µg/g | 116.3 | 70 | - 130 |
| 1,4-Dioxane | ND | < 100 | | 521 | 493 | µg/g | 105.7 | 70 | - 130 |
| 2-Ethoxyethanol | ND | < 30 | | 193 | 168 | µg/g | 114.9 | 70 | - 130 |
| Methylisobutylketone | ND | < 500 | | 1770 | 1600 | µg/g | 110.6 | 70 | - 130 |
| 3-Methyl-1-butanol | ND | < 500 | | 1660 | 1600 | µg/g | 103.8 | 70 | - 130 |
| Ethylene Glycol | ND | < 200 | | 479 | 483 | µg/g | 99.2 | 70 | - 130 |
| Toluene | ND | < 200 | | 521 | 491 | µg/g | 106.1 | 70 | - 130 |
| Isobutyl Acetate | ND | < 500 | | 1740 | 1600 | µg/g | 108.8 | 70 | - 130 |
| 1-Pentanol | ND | < 500 | | 1690 | 1610 | µg/g | 105.0 | 70 | - 130 |
| Butyl Acetate | ND | < 500 | | 1690 | 1610 | µg/g | 105.0 | 70 | - 130 |
| Ethylbenzene | ND | < 200 | | 1120 | 966 | µg/g | 115.9 | 70 | - 130 |
| m,p-Xylene | ND | < 200 | | 1080 | 962 | µg/g | 110.0 | 70 | - 130 |
| o-Xylene | ND | < 200 | | 1130 | 976 | µg/g | 115.8 | 70 | - 130 |
| Cumene | ND | < 30 | | 172 | 162 | µg/g | 106.2 | 70 | - 130 |
| Anisole | ND | < 500 | | 1760 | 1620 | µg/g | 108.6 | 70 | - 130 |
| DMSD | ND | < 500 | | 1580 | 1610 | µg/g | 98.1 | 70 | - 130 |
| 1,2-dimethoxyethane | ND | < 50 | | 179 | 177 | µg/g | 101.1 | 70 | - 130 |
| Triethylamine | ND | < 500 | | 1590 | 1600 | µg/g | 99.4 | 70 | - 130 |
| N,N-dimethylformamide | ND | < 150 | | 588 | 492 | µg/g | 119.5 | 70 | - 130 |
| N,N-dimethylacetamide | ND | < 150 | | 587 | 492 | µg/g | 119.3 | 70 | - 130 |
| Pyridine | ND | < 50 | | 158 | 163 | µg/g | 96.9 | 70 | - 130 |



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



Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/02/21 10:56

QC - Sample Duplicate Sample ID: 21-002092-0001

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Accept/Fail | Notes |
|-----------------------|--------|-------------|-----|-------|------|--------|-------------|-------|
| Propane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Isobutane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Butane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylpropane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Methanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Oxide | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylbutane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Pentane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethanol | 1370 | 1310 | 200 | µg/g | 32.9 | < 20 | FAIL | Q4 |
| Ethyl Ether | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetone | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Propanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Formate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,3-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Dichloromethane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| MTBE | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl ethyl ketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Butanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Tetrahydrofuran | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-methyl-1-propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Benzene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Isopropyl Acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Heptane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Butanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Propyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,4-Dioxane | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Ethoxyethanol | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Methylisobutylketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methyl-1-butanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Toluene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Isobutyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Pentanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Butyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylbenzene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| m,p-Xylene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| o-Xylene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Cumene | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Anisole | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| DMSO | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-dimethoxyethane | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| Triethylamine | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylformamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylacetamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| Pyridine | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- Q4 - Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
- Q1 - Quality control result biased high. Only non-detect samples reported.

Units of Measure:

µg/g - Microgram per gram or ppm



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



Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/02/21 10:56

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2101972

Laboratory Control Sample

| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
|---------|---------|-------|-------|-------|------------|------------|-------|
| CBDV-A | 0.00960 | 0.01 | % | 96.0 | 85.0 - 115 | Acceptable | |
| CBDV | 0.0101 | 0.01 | % | 101 | 85.0 - 115 | Acceptable | |
| CBD-A | 0.00983 | 0.01 | % | 98.3 | 85.0 - 115 | Acceptable | |
| CBG-A | 0.00982 | 0.01 | % | 98.2 | 85.0 - 115 | Acceptable | |
| CBG | 0.0103 | 0.01 | % | 103 | 85.0 - 115 | Acceptable | |
| CBD | 0.0104 | 0.01 | % | 104 | 85.0 - 115 | Acceptable | |
| THCV | 0.0102 | 0.01 | % | 102 | 85.0 - 115 | Acceptable | |
| THCVA | 0.00934 | 0.01 | % | 93.4 | 85.0 - 115 | Acceptable | |
| CBN | 0.0108 | 0.01 | % | 108 | 85.0 - 115 | Acceptable | |
| THC | 0.0100 | 0.01 | % | 100 | 85.0 - 115 | Acceptable | |
| D8THC | 0.0100 | 0.01 | % | 100 | 85.0 - 115 | Acceptable | |
| CBL | 0.00900 | 0.01 | % | 90.0 | 85.0 - 115 | Acceptable | |
| CBC | 0.0105 | 0.01 | % | 105 | 85.0 - 115 | Acceptable | |
| THCA | 0.00997 | 0.01 | % | 99.7 | 85.0 - 115 | Acceptable | |
| CBCA | 0.00957 | 0.01 | % | 95.7 | 85.0 - 115 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|--------|-------|----------|------------|-------|
| CBDV-A | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBDV | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBD-A | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBG-A | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBG | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBD | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| THCV | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| THCVA | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBN | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| THC | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| D8THC | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBL | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBC | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| THCA | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |
| CBCA | <LOQ | 0.0006 | % | < 0.0006 | Acceptable | |

Abbreviations

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

Units of Measure:

%- Percent



12423 NE Whitaker Way
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 503-254-1794



Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/02/21 10:56

Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

| JAOAC2015 V98-6 | | Batch ID: 2101972 | | | | | | |
|------------------|--------|-------------------|---------------------------|-------|------|--------|------------|-------|
| Sample Duplicate | | | Sample ID: 21-002100-0001 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDV-A | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBD-A | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBG-A | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBG | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBD | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THCV-A | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBN | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| D8THC | 0.189 | 0.187 | 0.003 | % | 1.09 | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure:

%- Percent



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Report Number: 21-002136/D03.R00
Report Date: 03/09/2021
ORELAP#: OR100028
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Received: 03/02/21 10:56

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. |