Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 22-011262/D002.R000
**Report Date:** 09/27/2022
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 09/20/22 10:30

**Customer:** NW Natural Goods
**Product identity:** HEMP - HB 0078
**Client/Metrc ID:** .
**Laboratory ID:** 22-011262-0001

## Summary

### Potency:

| Analyte per 4g | Result | Limits | Units | Status |
|---|---|---|---|---|
| CBC per 4g | 0.207 | | mg/4g | |
| CBD per 4g | 26.4 | | mg/4g | |
| CBDV per 4g | 0.140 | | mg/4g | |
| CBN per 4g | 0.148 | | mg/4g | |
| CBT per 4g | 0.288 | | mg/4g | |

CBD-Total per Serving Size 26.4 mg/4g

THC-Total per Serving Size <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 - HB 0078
**Client/Metrc ID:** .
**Sample Date:**
**Laboratory ID:** 22-011262-0001
**Evidence of Cooling:** No
**Temp:** 16.9 °C
**Serving Size #1:** 4 g

## Sample Results

Potency per 4g **Method:** J AOAC 2015 V98-6 (mod)[p] **Units** mg/se **Batch:** 2207983 **Analyze:** 9/21/22 9:17:00 PM

| Analyte | Result | Limits | Units | LOQ | Notes |
|---|---|---|---|---|---|
| CBC per 4g | 0.207 | | mg/4g | 0.131 | |
| CBC-A per 4g | < LOQ | | mg/4g | 0.131 | |
| CBC-Total per 4g | < LOQ | | mg/4g | 0.246 | |
| CBD per 4g | 26.4 | | mg/4g | 0.131 | |
| CBD-A per 4g | < LOQ | | mg/4g | 0.131 | |
| CBD-Total per 4g | 26.4 | | mg/4g | 0.246 | |
| CBDV per 4g | 0.140 | | mg/4g | 0.131 | |
| CBDV-A per 4g | < LOQ | | mg/4g | 0.131 | |
| CBDV-Total per 4g | < LOQ | | mg/4g | 0.245 | |
| CBE per 4g | < LOQ | | mg/4g | 0.131 | |
| CBG per 4g | < LOQ | | mg/4g | 0.131 | |
| CBG-A per 4g | < LOQ | | mg/4g | 0.131 | |
| CBG-Total per 4g | < LOQ | | mg/4g | 0.245 | |
| CBL per 4g | < LOQ | | mg/4g | 0.131 | |
| CBL-A per 4g | < LOQ | | mg/4g | 0.131 | |
| CBL-Total per 4g | < LOQ | | mg/4g | 0.246 | |
| CBN per 4g | 0.148 | | mg/4g | 0.131 | |
| CBT per 4g | 0.288 | | mg/4g | 0.131 | |
| Δ8-THCV per 4g | < LOQ | | mg/4g | 0.131 | |
| Δ10-THC per 4g | < LOQ | | mg/4g | 0.131 | |
| Δ8-THC per 4g | < LOQ | | mg/4g | 0.131 | |
| Δ9-THC per 4g | < LOQ | | mg/4g | 0.131 | |
| exo-THC per 4g | < LOQ | | mg/4g | 0.131 | |
| THC-A per 4g | < LOQ | | mg/4g | 0.131 | |
| THC-Total per 4g | < LOQ | | mg/4g | 0.246 | |
| THCV per 4g | < LOQ | | mg/4g | 0.131 | |
| THCV-A per 4g | < LOQ | | mg/4g | 0.131 | |
| THCV-Total per 4g | < LOQ | | mg/4g | 0.246 | |
| Total Cannabinoids per 4g | 27.3 | | mg/4g | | |

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## Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| E.coli | < LOQ | | cfu/g | 10 | 2207922 | 09/23/22 | AOAC 991.14 (Petrifilm)þ | | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2207922 | 09/23/22 | AOAC 991.14 (Petrifilm)þ | | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2207923 | 09/24/22 | AOAC 2014.05 (RAPID)þ | | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2207923 | 09/24/22 | AOAC 2014.05 (RAPID)þ | | |

## Solvents

**Method:** Residual Solvents by GC/MSþ **Units** µg/g **Batch** 2208142 **Analyze** 09/27/22 11:27 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)þ **Units** mg/kg **Batch** 2208122 **Analyze** 09/26/22 04:24 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 | 0.0183 | 2208071 | 09/23/22 | AOAC 2013.06 (mod.)þ | pass | |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0183 | 2208071 | 09/23/22 | AOAC 2013.06 (mod.)þ | pass | |
| Lead | < LOQ | 0.500 | mg/kg | 0.0183 | 2208071 | 09/23/22 | AOAC 2013.06 (mod.)þ | pass | |
| Mercury | < LOQ | 0.100 | mg/kg | 0.00913 | 2208071 | 09/23/22 | AOAC 2013.06 (mod.)þ | pass | |

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## Nutrition

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Moisture (Loss on Drying) | 16.1 | | g/100g | 0.10 | 2208152 | 09/27/22 | AOAC 925.10 (mod.)[þ] | | |
| Water Activity | 0.657 | | Aw | 0.030 | 2208042 | 09/23/22 | AOAC 978.18[þ] | | |

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| | |
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| **Received:** | 09/20/22 10:30 |

***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.

þ = 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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P2320 Multi-Residue Pesticide Profile
Cannabis

| Analyte | LOQ (mg/kg) |
|---|---|
| 2,4-D | 0.1 |
| Abamectin | 0.1 |
| Acephate | 0.2 |
| Acequinocyl | 0.2 |
| Acetamiprid | 0.1 |
| Acetochlor | 0.2 |
| Acrinathrin | 0.1 |
| Alachlor | 0.1 |
| Aldicarb | 0.1 |
| Aldoxycarb | 0.1 |
| Aldrin | 0.1 |
| Ametoctradin | 0.1 |
| Ametryn | 0.1 |
| Anilazine | 0.1 |
| Aspon | 0.1 |
| Asulam | 0.1 |
| Atrazine | 0.1 |
| Atrazine-desethyl | 0.1 |
| Azinphos-ethyl | 0.1 |
| Azinphos-methyl | 0.1 |
| Azoxystrobin | 0.1 |
| Benalaxyl | 0.1 |
| Bendiocarb | 0.1 |
| Benoxacor | 0.1 |
| Bensulide | 0.1 |
| Bentazon | 0.1 |
| Bifenazate | 0.1 |
| Bifenox | 0.1 |
| Bifenthrin | 0.1 |
| Binapacryl | 0.1 |
| Boscalid | 0.1 |
| Bromacil | 0.1 |
| Bromophos-ethyl | 0.1 |
| Bromopropylate | 0.1 |
| Bromoxynil | 0.1 |
| Bupirimate | 0.1 |
| Buprofezin | 0.1 |
| Butachlor | 0.1 |
| Butylate | 0.1 |
| Cadusafos | 0.1 |
| Captan | 0.2 |
| Carbaryl | 0.1 |
| Carbendazim | 0.1 |
| Carbofuran | 0.1 |
| Carbofuran 3-hydroxy | 0.1 |
| Carbophenothion | 0.1 |
| Carbophenothion-methyl | 0.1 |
| Carboxin | 0.1 |

| Analyte | LOQ (mg/kg) |
|---|---|
| Chlorantraniliprol | 0.1 |
| Chlordane, cis- | 0.1 |
| Chlordane, trans- | 0.1 |
| Chlorfenapyr | 0.1 |
| Chlorfenvinphos | 0.1 |
| Chlorobenzilate | 0.1 |
| Chlorpyrifos-ethyl | 0.1 |
| Chlorpyrifos-methyl | 0.1 |
| Chlorthal-dimethyl (Dacthal) | 0.1 |
| Clethodim | 0.1 |
| Clethodim sulfone | 0.1 |
| Clethodim sulfoxide | 0.1 |
| Clofentezine | 0.1 |
| Clomazone | 0.1 |
| Clopyralid | 0.1 |
| Clothianidin | 0.1 |
| Coumaphos | 0.1 |
| Crotoxyphos | 0.1 |
| Cyanofenphos | 0.1 |
| Cyanophos | 0.1 |
| Cyantraniliprole | 0.1 |
| Cyazofamid | 0.1 |
| Cyfluthrin | 0.1 |
| Cyhalothrin, lambda | 0.1 |
| Cymoxanil | 0.1 |
| Cypermethrin | 0.1 |
| Cyprodinil | 0.1 |
| DDD, o,p'- | 0.1 |
| DDD, p,p'- | 0.1 |
| DDE, o,p'- | 0.1 |
| DDE, p,p'- | 0.1 |
| DDT, o,p'- | 0.1 |
| DDT, p,p'- | 0.1 |
| DEET | 0.1 |
| Deltamethrin | 0.1 |
| Demeton-S | 0.1 |
| Demeton-s-methyl | 0.1 |
| Demeton-S-methyl-sulfone | 0.1 |
| Desmedipham | 0.1 |
| Diazinon | 0.1 |
| Dicamba | 0.1 |
| Dichlofenthion | 0.1 |
| Dichlofluanid | 0.1 |
| Dichlorbenzamid | 0.1 |
| Dichlorvos | 0.1 |
| Diclofop | 0.1 |
| Diclofop-methyl | 0.1 |
| Dicrotophos | 0.1 |

| Analyte | LOQ (mg/kg) |
|---|---|
| Dieldrin | 0.1 |
| Diethofencarb | 0.1 |
| Difenoconazol | 0.1 |
| Diflubenzuron | 0.1 |
| Diflufenzopyr | 0.1 |
| Dimethenamid | 0.1 |
| Dimethoat | 0.1 |
| Dimethomorph | 0.1 |
| Dinoseb | 0.1 |
| Dinotefuran | 0.1 |
| Dioxathion | 0.1 |
| Diphenamid | 0.1 |
| Diphenylamine (DPA) | 0.1 |
| Disulfoton | 0.1 |
| Disulfoton-sulfone | 0.1 |
| Disulfoton-Sulfoxide | 0.1 |
| Diuron | 0.1 |
| DNOC | 0.1 |
| Edifenphos | 0.1 |
| Endosulfan (alpha isomer) | 0.1 |
| Endosulfan (beta isomer) | 0.1 |
| Endosulfan-sulfate | 0.1 |
| Endrin | 0.1 |
| EPN | 0.1 |
| EPTC | 0.1 |
| Esfenvalerate/Fenvalerate | 0.1 |
| Ethiofencarb | 0.1 |
| Ethion | 0.1 |
| Ethofumesate | 0.1 |
| Ethoprophos | 0.1 |
| Etofenprox | 0.1 |
| Etoxazole | 0.1 |
| Etrimfos | 0.1 |
| Famoxadone | 0.1 |
| Famphur | 0.1 |
| Fenamiphos | 0.1 |
| Fenamiphos-Sulfone | 0.1 |
| Fenamiphos-Sulfoxide | 0.1 |
| Fenazaquin | 0.1 |
| Fenbuconazole | 0.1 |
| Fenhexamid | 0.1 |
| Fenobucarb | 0.1 |
| Fenoxycarb | 0.1 |
| Fenpropathrin | 0.1 |
| Fensulfothion | 0.1 |
| Fenthion | 0.1 |
| Fenuron | 0.1 |
| Fipronil | 0.1 |

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



Updated: 09.12.2022

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Columbia LABORATORIES
A Tentamus Company

P2320 Multi-Residue Pesticide Profile
Cannabis

| Analyte | LOQ (mg/kg) |
|---|---|
| Flonicamid | 0.1 |
| Fluazifop | 0.1 |
| Fluazinam | 0.1 |
| Flucythrinate | 0.1 |
| Fludioxonil | 0.1 |
| Flufenacet | 0.1 |
| Flumioxazin | 0.1 |
| Fluopicolide | 0.1 |
| Fluopyram | 0.1 |
| Fluoxastrobin | 0.1 |
| Flupyradifurone | 0.1 |
| Fluridone | 0.1 |
| Fluroxypyr | 0.1 |
| Fluthiacet-methyl | 0.1 |
| Flutolanil | 0.1 |
| Flutriafol | 0.1 |
| Fluvalinate | 0.1 |
| Fluxapyroxad | 0.1 |
| Fomesafen | 0.1 |
| Formetanate | 0.1 |
| Furathiocarb | 0.1 |
| Haloxyfop | 0.1 |
| Heptachlor | 0.1 |
| Heptachlor epoxide | 0.1 |
| Hexaconazole | 0.1 |
| Hexazinone | 0.1 |
| Hexythiazox | 0.1 |
| Hydropene | 0.1 |
| Imazalil | 0.1 |
| Imazethapyr | 0.1 |
| Imidacloprid | 0.1 |
| Indaziflam | 0.1 |
| Indoxacarb | 0.1 |
| Iprobenfos | 0.1 |
| Iprodion | 0.1 |
| Isobenzan | 0.1 |
| Isofenphos | 0.1 |
| Isofenphos-methyl | 0.1 |
| Isofenphos-oxon | 0.1 |
| Isoprocarb | 0.1 |
| Isoprothiolane | 0.1 |
| Isoproturon | 0.1 |
| Isoxaben | 0.1 |
| Kresoxim-methyl | 0.1 |
| Lindane | 0.1 |
| Linuron | 0.1 |
| Malaoxon | 0.1 |
| Malathion | 0.1 |

| Analyte | LOQ (mg/kg) |
|---|---|
| Mandipropamid | 0.1 |
| MCPA | 0.1 |
| MCPB | 0.1 |
| MCPP | 0.1 |
| Mecabarm | 0.1 |
| Mepanipyrim | 0.1 |
| Mesotrione | 0.1 |
| Metalaxyl | 0.1 |
| Methamidophos | 0.1 |
| Methiocarb | 0.1 |
| Methiocarb sulfone | 0.1 |
| Methiocarb sulfoxide | 0.1 |
| Methomyl | 0.1 |
| Methoxyfenozide | 0.1 |
| Metolachlor | 0.1 |
| Metolcarb | 0.1 |
| Metrafenone | 0.1 |
| Mevinphos | 0.1 |
| MGK 264 | 0.1 |
| Molinat | 0.1 |
| Monocrotophos | 0.1 |
| Monolinuron | 0.1 |
| Myclobutanil | 0.1 |
| Naled | 0.1 |
| Napropamide | 0.1 |
| Neburon | 0.1 |
| Norflurazon | 0.1 |
| Novaluron | 0.1 |
| Omethoat | 0.1 |
| Oryzalin | 0.1 |
| Oxadiazon | 0.1 |
| Oxadixyl | 0.1 |
| Oxamyl | 0.1 |
| Oxamyl-oxime | 0.1 |
| Oxychlordane | 0.1 |
| Oxydemeton-Methyl | 0.1 |
| Oxyfluorfen | 0.1 |
| Paclobutrazol | 0.1 |
| Paraoxon-ethyl | 0.1 |
| Paraoxon-methyl | 0.1 |
| Parathion-methyl | 0.1 |
| Penconazole | 0.1 |
| Pendimethalin | 0.1 |
| Penflufen | 0.1 |
| Penthiopyrad | 0.1 |
| Permethrin | 0.1 |
| Perthane | 0.1 |
| Phenmedipham | 0.1 |

| Analyte | LOQ (mg/kg) |
|---|---|
| Phenothrin | 0.1 |
| Phenthoate | 0.1 |
| Phorate | 0.1 |
| Phorate-Sulfone | 0.1 |
| Phorate-Sulfoxide | 0.1 |
| Phosalone | 0.1 |
| Phosmet | 0.1 |
| Phosphamidon | 0.1 |
| Phoxim | 0.1 |
| Pinoxaden | 0.1 |
| Piperonyl Butoxide | 0.1 |
| Pirimicarb | 0.1 |
| Pirimiphos-ethyl | 0.1 |
| Pirimiphos-methyl | 0.1 |
| Prallethrin | 0.1 |
| Prochloraz | 0.1 |
| Procymidone | 0.1 |
| Profenofos | 0.1 |
| Promecarb | 0.1 |
| Prometon | 0.1 |
| Prometryn | 0.1 |
| Propachlor | 0.1 |
| Propamocarb | 0.1 |
| Propanil | 0.1 |
| Propazine | 0.1 |
| Propetamophos | 0.1 |
| Propham | 0.1 |
| Propiconazole | 0.1 |
| Propoxur | 0.1 |
| Propyzamide | 0.1 |
| Prothiofos | 0.1 |
| Pyraclostrobin | 0.1 |
| Pyraflufen Ethyl | 0.1 |
| Pyrazophos | 0.1 |
| Pyrethrin | 0.1 |
| Pyridaben | 0.1 |
| Pyrimethanil | 0.1 |
| Pyriproxifen | 0.1 |
| Pyroxasulfone | 0.1 |
| Pyroxsulam | 0.1 |
| Quinalphos | 0.1 |
| Quinclorac | 0.1 |
| Quinoxyfen | 0.1 |
| Quintozene(PCNB) | 0.2 |
| Quizalofop | 0.1 |
| Resmethrin | 0.1 |
| Rotenone | 0.1 |
| Saflufenacil | 0.1 |

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



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P2320 Multi-Residue Pesticide Profile
Cannabis

| Analyte | LOQ (mg/kg) |
|---|---|
| Sebuthylazin | 0.1 |
| Sethoxydim | 0.1 |
| Simazine | 0.1 |
| Simetryn | 0.1 |
| Spinetoram J/L | 0.1 |
| Spinosyn A/D | 0.1 |
| Spirodiclofen | 0.1 |
| Spiromesifen | 0.1 |
| Spirotetramat | 0.1 |
| Spiroxamine | 0.1 |
| Sulfentrazone | 0.1 |
| Sulfotep | 0.1 |
| Sulfoxaflor | 0.1 |
| Sulprofos | 0.1 |
| Tebuconazole | 0.1 |
| Tebufenozide | 0.1 |
| Terbufos | 0.1 |
| Terbuthylazine | 0.1 |
| Terbutryn | 0.1 |
| Tetrachlorvinphos | 0.1 |
| Tetraconazole | 0.1 |
| Tetramethrin | 0.1 |
| Thiabendazol | 0.1 |
| Thiabendazol-5-hydroxy | 0.1 |
| Thiacloprid | 0.1 |
| Thiamethoxam | 0.1 |
| Thiobencarb | 0.1 |
| Thiodicarb | 0.1 |
| Thiometon | 0.1 |
| Thiophanate-methyl | 0.2 |
| Tolfenpyrad | 0.1 |
| Tolylfluanid | 0.1 |
| Triadimefon | 0.1 |
| Triadimenol | 0.1 |
| Triazophos | 0.1 |
| Trifloxystrobin | 0.1 |
| Triflumizole | 0.1 |
| Triticonazole | 0.1 |
| Zoxamid | 0.1 |

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



Updated: 09.12.2022

Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 22-011262/D002.R000
**Report Date:** 09/27/2022
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 09/20/22 10:30

Columbia LABORATORIES A Tentamus Company

## Hemp & Cannabis: Usable / Extract / Finished Product
## Chain of Custody Record

ORELAP ID: **OR100028** ANAB ISO 17025 ID: **AT-1508**

Document Control ID: 2832 Revision: 5
Effective: 01/04/2022

**Company:** Northwest Natural Goods
**Contact:** Annie Nair
**Address:** 11791 SE HWY 212
**City:** Clackamas **State:** OR **Zip Code:** 97015
☑ **Email Results:** annienair@nwnaturalgoods.com
☐ **Ph:** (____) - _____

*Billing Contact (if different)*

**Name:** _____ **Email:** _____
**Address:** _____
**City:** _____ **State:** _____ **Zip:** _____
**Ph:** (____) - _____

**PO Number:** _____
**Project ID:** _____
**Batch ID:** _____
**Sampled by:** _____
**Custom Reporting:** _____

**Source Material:** ☐ - Ind. Hemp product | ☐ - Rec. Cannabis
**Reporting Type:** ☐ - Compliance | ☐ - R&D
**Report to:** ☐ - METRC | ☐ - ODA | ☐ - USDA | ☐ - Other:

*Turnaround time (TAT - Business Days):*
■ - 5BD | ☐ - 3BD* | ☐ - 2BD*
**Check for availability*

**Analysis Requested**

| Lab ID | Client Sample Identification | Sample date | Pesticides - OR 59 Compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Water Activity | Moisture | Micro: Yeast and Mold | Micro: E.Coli and Total Coliform | Heavy Metals | Mycotoxins | Material Type † | Weight (Units) | Comments/Metrc ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HEMP - HB 0078 | 09/20/22 | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | | 80g | |

| Signature - Relinquished By: | Date | Time | Signature - Received By: | Date | Time |
|---|---|---|---|---|---|
| Annie Nair | 9.20.22 | 1030 | | 9.20.22 | 1030 |
| | 9.20.22 | 1115 | | | |
| | | | | | |

**Lab Use Only:**
☐ Shipped Via: _____ or ☐ Client drop off
Evidence of cooling: ☐ Yes | ☐ No - Temp (°C): 16.9
Sample in good condition: ☐ Yes | ☐ No _____
Payment: ☐ Cash | ☐ Check | ☐ CC | ☐ Net: _____
Prelog storage: _____

† - **Material Type Codes:** Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

*Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms*

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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2207983**

**Laboratory Control Sample**

| Analyte | LCS | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | 2 | 0.0357 | 0.033 | % | 107 | 80.0 - 120 | Acceptable | |
| CBDV | 2 | 0.0375 | 0.033 | % | 112 | 80.0 - 120 | Acceptable | |
| CBE | 2 | 0.0352 | 0.033 | % | 106 | 80.0 - 120 | Acceptable | |
| CBDA | 1 | 0.0355 | 0.033 | % | 107 | 90.0 - 110 | Acceptable | |
| CBGA | 1 | 0.0351 | 0.033 | % | 106 | 80.0 - 120 | Acceptable | |
| CBG | 1 | 0.0390 | 0.036 | % | 108 | 80.0 - 120 | Acceptable | |
| CBD | 1 | 0.0394 | 0.036 | % | 110 | 90.0 - 110 | Acceptable | |
| THCV | 2 | 0.0363 | 0.033 | % | 109 | 80.0 - 120 | Acceptable | |
| d8THCV | 2 | 0.0370 | 0.033 | % | 111 | 80.0 - 120 | Acceptable | |
| THCVA | 2 | 0.0346 | 0.033 | % | 104 | 80.0 - 120 | Acceptable | |
| CBN | 1 | 0.0387 | 0.036 | % | 107 | 90.0 - 110 | Acceptable | |
| exo-THC | 2 | 0.0350 | 0.033 | % | 105 | 80.0 - 120 | Acceptable | |
| d9THC | 1 | 0.0405 | 0.039 | % | 105 | 90.0 - 110 | Acceptable | |
| d8THC | 1 | 0.0359 | 0.033 | % | 108 | 80.0 - 120 | Acceptable | |
| CBL | 2 | 0.0335 | 0.033 | % | 100 | 80.0 - 120 | Acceptable | |
| d10THC | 1 | 0.0314 | 0.033 | % | 94.2 | 80.0 - 120 | Acceptable | |
| CBC | 2 | 0.0361 | 0.033 | % | 108 | 80.0 - 120 | Acceptable | |
| THCA | 1 | 0.0348 | 0.032 | % | 109 | 90.0 - 110 | Acceptable | |
| CBCA | 2 | 0.0358 | 0.033 | % | 107 | 80.0 - 120 | Acceptable | |
| CBLA | 2 | 0.0361 | 0.033 | % | 108 | 80.0 - 120 | Acceptable | |
| CBT | 2 | 0.0351 | 0.033 | % | 105 | 80.0 - 120 | Acceptable | |

**Method Blank**

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|
| CBDVA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBDV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBE | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBDA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBGA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBG | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBD | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d8THCV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCVA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBN | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| exo-THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d9THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d8THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBL | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d10THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBCA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBLA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBT | <LOQ | 0.003 | % | < 0.003 | Acceptable | |

***Abbreviations***

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

***Units of Measure:***

% - Percent

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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

| J AOAC 2015 V98-6 | | | | | Batch ID: 2207983 | | | |
|---|---|---|---|---|---|---|---|---|
| Sample Duplicate | | | | | Sample ID: 22-011099-0001-01 | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDVA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBDV | 0.0033 | 0.0034 | 0.003 | % | 5.09 | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBG | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBD | 0.630 | 0.659 | 0.003 | % | 4.53 | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBN | 0.0036 | 0.0037 | 0.003 | % | 3.71 | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d9THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d10THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBC | 0.0049 | 0.0051 | 0.003 | % | 4.22 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBT | 0.0077 | 0.0079 | 0.003 | % | 1.98 | < 20 | Acceptable | |

***Abbreviations***

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

***Units of Measure:***

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Revision: Document ID:
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**Laboratory Quality Control Results**

**Residual Solvents** **Batch ID:** 2208142

| Method Blank | | | | | Laboratory Control Sample | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte** | **Result** | | **LOQ** | **Notes** | **Result** | **Spike** | **Units** | **% Rec** | **Limits** | | | **Notes** |
| Propane | ND | < | 200 | | 525 | 572 | µg/g | 91.8 | 60 | - | 120 | |
| Isobutane | ND | < | 200 | | 638 | 731 | µg/g | 87.3 | 60 | - | 120 | |
| Butane | ND | < | 200 | | 628 | 731 | µg/g | 85.9 | 60 | - | 120 | |
| 2,2-Dimethylpropane | ND | < | 200 | | 887 | 936 | µg/g | 94.8 | 60 | - | 120 | |
| Methanol | ND | < | 200 | | 1950 | 1650 | µg/g | 118.2 | 60 | - | 120 | |
| Ethylene Oxide | ND | < | 30 | | 49.4 | 56.2 | µg/g | 87.9 | 60 | - | 120 | |
| 2-Methylbutane | ND | < | 200 | | 1840 | 1650 | µg/g | 111.5 | 60 | - | 120 | |
| Pentane | ND | < | 200 | | 1960 | 1650 | µg/g | 118.8 | 60 | - | 120 | |
| Ethanol | ND | < | 200 | | 1930 | 1660 | µg/g | 116.3 | 70 | - | 130 | |
| Ethyl Ether | ND | < | 200 | | 1910 | 1630 | µg/g | 117.2 | 60 | - | 120 | |
| 2,2-Dimethylbutane | ND | < | 30 | | 215 | 189 | µg/g | 113.8 | 60 | - | 120 | |
| Acetone | ND | < | 200 | | 1970 | 1650 | µg/g | 119.4 | 60 | - | 120 | |
| 2-Propanol | ND | < | 200 | | 1900 | 1650 | µg/g | 115.2 | 60 | - | 120 | |
| Ethyl Formate | ND | < | 500 | | 1710 | 1610 | µg/g | 106.2 | 70 | - | 130 | |
| Acetonitrile | ND | < | 100 | | 588 | 504 | µg/g | 116.7 | 60 | - | 120 | |
| Methyl Acetate | ND | < | 500 | | 1980 | 1630 | µg/g | 121.5 | 70 | - | 130 | |
| 2,3-Dimethylbutane | ND | < | 30 | | 205 | 174 | µg/g | 117.8 | 60 | - | 120 | |
| Dichloromethane | ND | < | 60 | | 597 | 521 | µg/g | 114.6 | 60 | - | 120 | |
| 2-Methylpentane | ND | < | 30 | | 203 | 187 | µg/g | 108.6 | 60 | - | 120 | |
| MTBE | ND | < | 500 | | 1850 | 1600 | µg/g | 115.6 | 70 | - | 130 | |
| 3-Methylpentane | ND | < | 30 | | 220 | 188 | µg/g | 117.0 | 60 | - | 120 | |
| Hexane | ND | < | 30 | | 217 | 182 | µg/g | 119.2 | 60 | - | 120 | |
| 1-Propanol | ND | < | 500 | | 1880 | 1610 | µg/g | 116.8 | 70 | - | 130 | |
| Methylethylketone | ND | < | 500 | | 1930 | 1600 | µg/g | 120.6 | 70 | - | 130 | |
| Ethyl acetate | ND | < | 200 | | 1900 | 1630 | µg/g | 116.6 | 60 | - | 120 | |
| 2-Butanol | ND | < | 200 | | 1780 | 1630 | µg/g | 109.2 | 60 | - | 120 | |
| Tetrahydrofuran | ND | < | 100 | | 590 | 506 | µg/g | 116.6 | 60 | - | 120 | |
| Cyclohexane | ND | < | 200 | | 1910 | 1640 | µg/g | 116.5 | 60 | - | 120 | |
| 2-methyl-1-propanol | ND | < | 500 | | 1730 | 1620 | µg/g | 106.8 | 70 | - | 130 | |
| Benzene | ND | < | 1 | | 5.52 | 4.93 | µg/g | 112.0 | 60 | - | 120 | |
| Isopropyl Acetate | ND | < | 200 | | 1890 | 1640 | µg/g | 115.2 | 60 | - | 120 | |
| Heptane | ND | < | 200 | | 1910 | 1630 | µg/g | 117.2 | 60 | - | 120 | |
| 1-Butanol | ND | < | 500 | | 1760 | 1600 | µg/g | 110.0 | 70 | - | 130 | |
| Propyl Acetate | ND | < | 500 | | 1880 | 1620 | µg/g | 116.0 | 70 | - | 130 | |
| 1,4-Dioxane | ND | < | 100 | | 541 | 493 | µg/g | 109.7 | 60 | - | 120 | |
| 2-Ethoxyethanol | ND | < | 30 | | 172 | 171 | µg/g | 100.6 | 60 | - | 120 | |
| Methylisobutylketone | ND | < | 500 | | 1870 | 1620 | µg/g | 115.4 | 70 | - | 130 | |
| 3-Methyl-1-butanol | ND | < | 500 | | 1860 | 1610 | µg/g | 115.5 | 70 | - | 130 | |
| Ethylene Glycol | ND | < | 200 | | 580 | 494 | µg/g | 117.4 | 60 | - | 120 | |
| Toluene | ND | < | 100 | | 537 | 506 | µg/g | 106.1 | 60 | - | 120 | |
| Isobutyl Acetate | ND | < | 500 | | 1920 | 1620 | µg/g | 118.5 | 70 | - | 130 | |
| 1-Pentanol | ND | < | 500 | | 1930 | 1610 | µg/g | 119.9 | 70 | - | 130 | |
| Butyl Acetate | ND | < | 500 | | 1840 | 1610 | µg/g | 114.3 | 70 | - | 130 | |
| Ethylbenzene | ND | < | 200 | | 1050 | 996 | µg/g | 105.4 | 60 | - | 120 | |
| m,p-Xylene | ND | < | 200 | | 1070 | 1010 | µg/g | 105.9 | 60 | - | 120 | |
| o-Xylene | ND | < | 200 | | 1030 | 979 | µg/g | 105.2 | 60 | - | 120 | |
| Cumene | ND | < | 30 | | 200 | 188 | µg/g | 106.4 | 60 | - | 120 | |
| Anisole | ND | < | 500 | | 1670 | 1610 | µg/g | 103.7 | 70 | - | 130 | |
| DMSO | ND | < | 500 | | 1590 | 1600 | µg/g | 99.4 | 70 | - | 130 | |
| 1,2-dimethoxyethane | ND | < | 50 | | 227 | 190 | µg/g | 119.5 | 70 | - | 130 | |
| Triethylamine | ND | < | 500 | | 1730 | 1610 | µg/g | 107.5 | 70 | - | 130 | |
| N,N-dimethylformamide | ND | < | 150 | | 545 | 496 | µg/g | 109.9 | 70 | - | 130 | |
| N,N-dimethylacetamide | ND | < | 150 | | 541 | 483 | µg/g | 112.0 | 70 | - | 130 | |
| Pyridine | ND | < | 50 | | 178 | 167 | µg/g | 106.6 | 70 | - | 130 | |
| 1,2-Dichloroethane | ND | < | 1 | | 1.32 | 1 | µg/g | 132.0 | 70 | - | 130 | Q1 |
| Chloroform | ND | < | 1 | | 1.24 | 1 | µg/g | 124.0 | 70 | - | 130 | |
| Trichloroethylene | ND | < | 1 | | 1.29 | 1 | µg/g | 129.0 | 70 | - | 130 | |

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Revision: Document ID:
Legacy ID: Effective:

**QC - Sample Duplicate** **Sample ID: 22-011068-0001**

| 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 | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 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 | 60 | 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 | |
| Methylethylketone | 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 | 100 | 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 | |
| 1,2-Dichloroethane | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Chloroform | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Trichloroethylene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |

***Abbreviations***

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
Q1 - Quality control result biased high. Only non-detect samples reported.

***Units of Measure:***

µg/g- Microgram per gram or ppm

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|---|---|
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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 | Quantitaion 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. |