Certificate of Quality Assurance

PRODUCT NAME:

Dog Treats

PRODUCT STRENGTH: 2 mg **LOT NUMBER:** CHEW-T209

MANUFACTURER BATCH #s: CODSWC19-3(4-9)

DATES OF MANUFACTURE: 7/8/2019, 7/9/2019

Expiration date is 18 months under sealed conditions.

DATES OF ANALYSES: 7/8/2019, 7/9/2019

ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: See next page.

Physical Attributes of Raw Hemp Oil

| Attribute | Acceptance Criteria | Result |
|-------------------|---|----------|
| Appearance | Conforms | |
| Aroma | Characteristic Hemp Aroma | Conforms |
| Dissolution | Not Cloudy or Turbid, Characteristic Color | Conforms |
| Microbial Testing | Total Aerobic Count <2000 cfu/g Total Yeast and Mold <2000 cfu/g | Conforms |

Cannabinoid Potency of Raw Hemp Oil

| Cannabinoid | Weight % |
|-------------|----------|
| CBD | 0.05 |
| CBG | <0.03 |
| CBN | <0.03 |
| THC | ND |
| СВС | <0.03 |
| THC-A | ND |
| CBD-A | <0.03 |

Pesticides*

| Compound | Result | Compound | Result |
|--------------|--------|---------------|--------|
| Acequinocil | ND | Spinosad | ND |
| Pyrethrium | ND | Spirotetramat | ND |
| Spiromesifin | ND | Bifenazate | ND |
| Abamectin | ND | Fenoxycarb | ND |
| Imidacloprid | ND | Paclobutrazol | ND |

Terpene Results*

| Compound | Weight % | Compound | Weight % |
|-----------------|----------|-------------|----------|
| β-Bisabolene | 1.0-3.0 | Camphene | 0.1-0.2 |
| β-Farnesene | 1.0-2.0 | E-Farnesene | 0.1-0.2 |
| Gualol | 0.5-2.0 | Farnesol | 0.1-0.2 |
| β-Maaliene | 0.5-2.0 | α-Bisabolol | < 0.1 |
| Calarene | 0.5-1.5 | p-Cymene | < 0.1 |
| β-Caryophyllene | 0.1-1.0 | Linalool | < 0.1 |
| α-Humulene | 0.1-1.0 | Myrcene | < 0.1 |
| Cadinene | 0.1-1.0 | Phytol | < 0.1 |
| α-Gurjunene | 0.1-0.5 | Isopulegol | < 0.1 |
| d-Limonene | 0.1-0.5 | Terpinene | < 0.1 |
| Nerolidol | 0.1-0.5 | Geraniol | < 0.1 |
| α-Pinene | 0.1-0.5 | Myrcene | < 0.1 |
| Aristolene | 0.1-0.3 | γ-Terpinene | < 0.1 |
| Eucalyptol | 0.1-0.2 | δ-3-Carene | < 0.1 |

Residual Solvents*

| Solvent | Weight % |
|-------------|-------------------------|
| Acetone | Compliant with USP<467> |
| Butane | Compliant with USP<467> |
| Ethanol | Compliant with USP<467> |
| Hexane | Compliant with USP<467> |
| Isobutane | Compliant with USP<467> |
| Isopropanol | Compliant with USP<467> |
| Pentane | Compliant with USP<467> |

Certificate of Quality Assurance

PRODUCT NAME: Dog Treats **PRODUCT STRENGTH:** 2 mg

LOT NUMBER: CHEW-T209

MANUFACTURER BATCH #s: CODSWC19-3(4-9)

DATES OF MANUFACTURE: 7/8/2019, 7/9/2019

Expiration date is 18 months under sealed conditions.

DATES OF ANALYSES: 7/8/2019, 7/9/2019

ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Water, dried brewer's yeast, glycerin, gum arabic, sodium alginate, beef liver powder, natural bacon flavor, flaxseed oil, microcrystalline cellulose, organic sweet potato powder, sunflower lecithin (non-GMO), citrus pectin, dextrin, vitamin E, sodium propionate, calcium sulfate dihydrate, natural mixed tocopherols (natural preservative)

Heavy Metals*

| Metal | Result |
|---------|-------------------------|
| Cadmium | Compliant with USP<233> |
| Lead | Compliant with USP<233> |
| Arsenic | Compliant with USP<233> |
| Mercury | Compliant with USP<233> |

Analysis Results for Finished Product

| Attribute | Acceptance Criteria | Result |
|---------------------|---------------------------------|----------|
| Appearance | Soft solid dark brown cylinders | Conforms |
| Aroma | Characteristic of product | Conforms |
| Cannabidiol Content | 1.8 to 2.2 mg per chew | Conforms |
| THC Content | None Detected | Conforms |

^{*} Results based on testing of multiple batches of hemp oil raw material.

Quality Certified by:

Matthew Plenert, Ph.D

Head Chemist and Laboratory Manager

Data

QC Unit released by:

David Boaz

QC Manager

Date

Da





 Job Number:
 19-011485

 Report Number:
 19-011485-00

 Report Date:
 09/30/2019

 ORELAP#:
 OR100028

Purchase Order:

Received: 09/23/19 10:35

This report cannot be used for ODA, OHA or OLCC compliance requirements.

| Product identity: | CHEW T209 | Client/Metrc ID: | |
|-------------------|----------------|------------------|--|
| Laboratory ID: | 19-011485-0001 | Sample Date: | |

Summary

Potency:

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.





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Report Number: 19-011485-00

Report Date: 09/30/2019

ORELAP#: OR100028

Purchase Order:

Received: 09/23/19 10:35

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Customer: My CBD Test

Product identity: CHEW T209

Client/Metrc ID: .

Sample Date:

Laboratory ID: 19-011485-0001
Relinquished by: Received By Mail

Temp: 21.4 °C **Serving Size #1:** 7.37 g

Sample Results

| Potency per 7.37g | | Batch: 1908 | 740 | | | |
|-----------------------------------|--|--------------|-------|----------|-------------------|-------|
| Analyte | Result | Limits Units | LOQ | Analyze | Method | Notes |
| CBC per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBC-A per 7.37g [†] | < LOQ | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBC-Total per 7.37g [†] | < LOQ | mg/7.37g | 0.461 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBD per 7.37g | 3.49 | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBD-A per 7.37g | < LOQ | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBD-Total per 7.37g | 3.49 | mg/7.37g | 0.461 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBDV per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBDV-A per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBDV-Total per 7.37g [†] | < LOQ | mg/7.37g | 0.459 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBG per 7.37g [†] | < LOQ | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBG-A per 7.37g [†] | < LOQ | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBG-Total per 7.37g [†] | < LOQ | mg/7.37g | 0.461 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBL per 7.37g [†] | < LOQ | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| CBN per 7.37g | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| Δ8-THC per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| Δ9-THC per 7.37g | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| THC-A per 7.37g | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| THC-Total per 7.37g | <loq< td=""><td>mg/7.37g</td><td>0.461</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.461 | 09/30/19 | J AOAC 2015 V98-6 | |
| THCV per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| THCV-A per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.246</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.246 | 09/30/19 | J AOAC 2015 V98-6 | |
| THCV-Total per 7.37g [†] | <loq< td=""><td>mg/7.37g</td><td>0.459</td><td>09/30/19</td><td>J AOAC 2015 V98-6</td><td></td></loq<> | mg/7.37g | 0.459 | 09/30/19 | J AOAC 2015 V98-6 | |





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| Microbiology | | | | | | | | | |
|-------------------------|--------|--------|-------|-----|---------|----------|-------------------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| E.coli | < LOQ | | cfu/g | 10 | 1908515 | 09/25/19 | AOAC 991.14 (Petrifilm) | X | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 1908515 | 09/25/19 | AOAC 991.14 (Petrifilm) | Χ | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 1908514 | 09/25/19 | AOAC 2014.05 (RAPID) | X | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 1908514 | 09/25/19 | AOAC 2014.05 (RAPID) | Χ | |

| Pesticides | Method | AOAC | 2007.01 & EN | 15662 (mod) | Units mg/kg Batc | h 1908655 | Analy | ze 09/25/19 08:58 PM |
|------------------|--|------|--------------|-------------|---------------------|---|-------|-----------------------------|
| Analyte | Result | | LOQ Status | , , | Analyte | Result | | LOQ Status Notes |
| Abamectin | < LOQ | 0.50 | 0.250 pass | | Acephate | < LOQ | 0.40 | 0.250 pass |
| Acequinocyl | <loq< td=""><td>2.0</td><td>1.00 pass</td><td></td><td>Acetamiprid</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 2.0 | 1.00 pass | | Acetamiprid | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Aldicarb | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Azoxystrobin</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Azoxystrobin | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Bifenazate | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Bifenthrin</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Bifenthrin | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Boscalid | <loq< td=""><td>0.40</td><td>0.100 pass</td><td></td><td>Carbaryl</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.40 | 0.100 pass | | Carbaryl | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Carbofuran | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Chlorantraniliprole</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Chlorantraniliprole | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Chlorfenapyr | <loq< td=""><td>1.0</td><td>0.500 pass</td><td></td><td>Chlorpyrifos</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 1.0 | 0.500 pass | | Chlorpyrifos | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Clofentezine | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Cyfluthrin (incl.</td><td>< LOQ</td><td>1.0</td><td>0.500 pass</td></loq<> | 0.20 | 0.100 pass | | Cyfluthrin (incl. | < LOQ | 1.0 | 0.500 pass |
| Cypermethrin | <loq< td=""><td>1.0</td><td>0.500 pass</td><td></td><td>Daminozide</td><td><loq< td=""><td>1.0</td><td>0.500 pass</td></loq<></td></loq<> | 1.0 | 0.500 pass | | Daminozide | <loq< td=""><td>1.0</td><td>0.500 pass</td></loq<> | 1.0 | 0.500 pass |
| Diazinon | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Dichlorvos</td><td><loq< td=""><td>1.0</td><td>0.500 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Dichlorvos | <loq< td=""><td>1.0</td><td>0.500 pass</td></loq<> | 1.0 | 0.500 pass |
| Dimethoate | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Ethoprophos</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Ethoprophos | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Etofenprox | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Etoxazole</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Etoxazole | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Fenoxycarb | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Fenpyroximate</td><td><loq< td=""><td>0.40</td><td>0.200 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Fenpyroximate | <loq< td=""><td>0.40</td><td>0.200 pass</td></loq<> | 0.40 | 0.200 pass |
| Fipronil | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Flonicamid</td><td><loq< td=""><td>1.0</td><td>0.400 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Flonicamid | <loq< td=""><td>1.0</td><td>0.400 pass</td></loq<> | 1.0 | 0.400 pass |
| Fludioxonil | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Hexythiazox</td><td><loq< td=""><td>1.0</td><td>0.400 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Hexythiazox | <loq< td=""><td>1.0</td><td>0.400 pass</td></loq<> | 1.0 | 0.400 pass |
| Imazalil | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Imidacloprid</td><td><loq< td=""><td>0.40</td><td>0.200 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Imidacloprid | <loq< td=""><td>0.40</td><td>0.200 pass</td></loq<> | 0.40 | 0.200 pass |
| Kresoxim-methyl | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Malathion</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Malathion | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Metalaxyl | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Methiocarb</td><td>< LOQ</td><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass | | Methiocarb | < LOQ | 0.20 | 0.100 pass |
| Methomyl | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>MGK-264</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | MGK-264 | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Myclobutanil | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Naled</td><td><loq< td=""><td>0.50</td><td>0.250 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Naled | <loq< td=""><td>0.50</td><td>0.250 pass</td></loq<> | 0.50 | 0.250 pass |
| Oxamyl | <loq< td=""><td>1.0</td><td>0.500 pass</td><td></td><td>Paclobutrazole</td><td><loq< td=""><td>0.40</td><td>0.200 pass</td></loq<></td></loq<> | 1.0 | 0.500 pass | | Paclobutrazole | <loq< td=""><td>0.40</td><td>0.200 pass</td></loq<> | 0.40 | 0.200 pass |
| Parathion-Methyl | <loq< td=""><td>0.20</td><td>0.200 pass</td><td></td><td>Permethrin</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.200 pass | | Permethrin | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Phosmet | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Piperonyl butoxide</td><td><loq< td=""><td>2.0</td><td>1.00 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Piperonyl butoxide | <loq< td=""><td>2.0</td><td>1.00 pass</td></loq<> | 2.0 | 1.00 pass |
| Prallethrin | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Propiconazole</td><td><loq< td=""><td>0.40</td><td>0.200 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Propiconazole | <loq< td=""><td>0.40</td><td>0.200 pass</td></loq<> | 0.40 | 0.200 pass |
| Propoxur | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Pyrethrin I (total)</td><td><loq< td=""><td>1.0</td><td>0.500 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Pyrethrin I (total) | <loq< td=""><td>1.0</td><td>0.500 pass</td></loq<> | 1.0 | 0.500 pass |
| Pyridaben | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Spinosad</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Spinosad | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Spiromesifen | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Spirotetramat</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Spirotetramat | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Spiroxamine | <loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Tebuconazole</td><td><loq< td=""><td>0.40</td><td>0.200 pass</td></loq<></td></loq<> | 0.40 | 0.200 pass | | Tebuconazole | <loq< td=""><td>0.40</td><td>0.200 pass</td></loq<> | 0.40 | 0.200 pass |
| Thiacloprid | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Thiamethoxam</td><td><loq< td=""><td>0.20</td><td>0.100 pass</td></loq<></td></loq<> | 0.20 | 0.100 pass | | Thiamethoxam | <loq< td=""><td>0.20</td><td>0.100 pass</td></loq<> | 0.20 | 0.100 pass |
| Trifloxystrobin | <loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td></td><td></td><td></td><td>•</td></loq<> | 0.20 | 0.100 pass | | | | | • |





 Job Number:
 19-011485

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 09/30/2019

Purchase Order:

ORELAP#:

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OR100028

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| Metals | | | | | | | | |
|---------|---|--------|-------|-------|---------|----------|---------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes |
| Arsenic | < LOQ | | mg/kg | 0.100 | 1908752 | 09/27/19 | AOAC 2013.06 (mod.) | X |
| Cadmium | < LOQ | | mg/kg | 0.100 | 1908752 | 09/27/19 | AOAC 2013.06 (mod.) | Χ |
| Lead | < LOQ | | mg/kg | 0.100 | 1908752 | 09/27/19 | AOAC 2013.06 (mod.) | Χ |
| Mercury | <loq< td=""><td></td><td>mg/kg</td><td>0.100</td><td>1908752</td><td>09/27/19</td><td>AOAC 2013.06 (mod.)</td><td>Х</td></loq<> | | mg/kg | 0.100 | 1908752 | 09/27/19 | AOAC 2013.06 (mod.) | Х |





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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 mg/kg = Milligram per kilogram = parts per million (ppm) mg/7.37g = Milligram per 7.37g % = Percentage of sample % wt = μ g/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager





Job Number: 1

19-011485 19-011485-00

Report Number: Report Date:

09/30/2019

ORELAP#:

OR100028

Purchase Order:

Received: 09/23/19 10:35

This report cannot be used for ODA, OHA or OLCC compliance requirements.

19-011485

PIXIS Labs

Cannabis Chain of Custody Record 12423 NE Whitaker Way Portland OR 97230 p.503-254-1794 ORELAP ID: OR100028 My CBD Test **Analysis Requested** Purchase Order Number: Company: Please report heavy Contact: Joy Organics Project Number: metal LOQ at .1ppm Pesticide Multi-Residue – 379 compounds Project Name: Address: Report in mg/7.37g Email: Micro: E.Coli and Total Coliform ☐ Report Instructions: Pesticides - OR 59 compounds Phone: Fax: ☐ Send to State - METRC ☐ Email Final Results: Processor's ☐ Fax Final Results License: Micro: Yeast and Mold ☐ Cash/Check/CC/Net 30 Residual Solvents Other: Water Activity Heavy Metals Mycotoxins Terpenes Moisture Serving Potency Other size Date/Time Collected Weight for edibles Comments/Metrc ID Field ID Matrix CHEW T209 7.37 7.37 treat Х Х

| Collected By: | Relinquished By: | Date | Time | Received by: | Date | Time | Lab Use Only: Client Alias: |
|--|------------------|------|------|--------------|---------|-------|-----------------------------------|
| ✓ Standard (5 day) | Darcie Moran | 9/20 | 4:00 | Imu | 9.23-11 | 10535 | Order Number: |
| □Rush (3-4 day) | | | | | | | Proper Container |
| (1.5x Standard) | | | | / | | | Sample Condition Temperature: 214 |
| ☐ Priority Rush (2 day) (2x Standard) | | | | | | | Shipped Via: |
| (2X Stanuaru) | | | | 8 | | | Evidence of cooling: |

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: 1.03 Control#: CF023 Effective 03/06/2019 Revised 03/06/2019 www.pixislabs.com www.columbiafoodlab.com

Page 1 of 2





 Job Number:
 19-011485

 Report Number:
 19-011485-00

 Report Date:
 09/30/2019

OR100028

Purchase Order:

ORELAP#:

Received: 09/23/19 10:35

This report cannot be used for ODA, OHA or OLCC compliance requirements.

| Columbia Food LABORATORIES A Tentamus Company | Columbia Food/Pixis l Sample Receipt For | Labs Re m Re | Revision: 1.00 Document Control evised: 04/25/2019 Effective: 05/ | : CF015 11/2019 |
|---|---|------------------|--|--------------------|
| Job Number: 19-011485 | Search Name: | | | |
| Package/Cooler opened on (if different than receive | ved date/time) Date: 97 | 19 Time: 10 | 35 | |
| Received By (Initials): | | | | |
| Were custody seals on outside of the package/ If YES, how many and where? | cooler? | YES NO | (NA) | |
| Were signature and date correct? | | | | |
| Were custody papers included in the package/c | ooler? | YES NO | NA | |
| Were custody papers properly filled out (ink, si | | YES NO |) NA | |
| Did you sign custody papers in the appropriate p | nlace? | YES NO | NA | |
| 5) How was the package/cooler delivered? | | YES NO | NA | |
| UPS FEDEY LIGHT | LIENT COURTER | | | |
| Tracking Number (written in or copy of shipping | | OTHER: _ | | Corre |
| Was packing material used? | is mocif. | | 01 2364 | 8446 |
| Peanuts Bubble Wrap Foam Paper | ther: | YES NO | NA | |
| 7) Was sufficient ice used (if appropriate)? What kind? | uici. | YES NO | NA | |
| Blue Ice Ice Cooler Packs Dr | y Ice | | | |
| 8) Were all sample containers sealed in separate plas | | | | |
| Did all sample containers arrive in good condition | ? | YES NO | NA | |
| 10) Were all sample container labels complete? | , | YES NO | NA | |
| 11) Did all sample container labels and tags agree with | the coc? | YES NO | NA | |
| 12) Were correct sample containers used for the tests in | dicated? | YES NO | NA | |
| 13) Were VOA vials checked for absence of air bubble | s (note if form 1)0 | YES NO | NA | |
| 14) Was a sufficient amount of sample sent in each sam | ple container? $q-1340$ | | NA | |
| 15) Temperature of the samples upon receipt (See SOP | for many and | -1.1 | NA | |
| 16) Sample location prior to login: R25 R39 R44 | | 21.4 ℃ | | |
| Explain any discrepancies: | F44 Ambient Shelf | Cannabis Table (| Other: | |
| Page Z of Z | | | | |
| | | | | |





 Job Number:
 19-011485

 Report Number:
 19-011485-00

 Report Date:
 09/30/2019

OR100028

Purchase Order:

ORELAP#:

Received: 09/23/19 10:35

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Revision: 1.00 Control: CFL-C21 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

| Laboratory Pesticide Quality Control Results | | | | | | | | |
|--|--------------|--------------|---------|-----------------|-------------|-----------|----------------|-------|
| AOAC 2007.1 & EN 15662 | | Units | : mg/Kg | | | Ba | tch ID: 190865 | 5 |
| Method Blank | | | | Laboratory Cont | trol Sample | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| Acephate | 0.000 | < 0.200 | 1 | 0.969 | 1.000 | 96.9 | 69.8 - 117 | |
| Acequinocyl | 0.000 | < 1.000 | 1 | 4.025 | 4.000 | 100.6 | 72.9 - 135 | |
| Acetamiprid | 0.005 | < 0.100 | 1 | 0.415 | 0.400 | 103.8 | 81.6 - 116 | |
| Aldicarb | 0.009 | < 0.200 | 1 | 0.924 | 0.800 | 115.5 | 78.7 - 118 | |
| Abamectin | 0.000 | < 0.288 | | 1.100 | 1.000 | 110.0 | 81.4 - 113 | |
| Azoxystrobin | 0.006 | < 0.100 | | 0.396 | 0.400 | 99.1 | 82.3 - 114 | |
| Bifenazate | 0.000 | < 0.100 | 1 | 0.454 | 0.400 | 113.6 | 84.7 - 115 | |
| Bifenthrin | 0.002 | < 0.100 | 1 | 0.404 | 0.400 | 101.0 | 82.0 - 113 | |
| Boscalid | 0.002 | < 0.100 | | 0.982 | 0.800 | 122.8 | 80.6 - 125 | |
| Carbaryl | 0.000 | < 0.100 | 1 | 0.425 | 0.400 | 106.2 | 85.1 - 113 | |
| Carbofuran | 0.000 | < 0.100 | 1 | 0.422 | 0.400 | 105.6 | 82.6 - 121 | |
| Chlorantraniliprol | 0.019 | < 0.100 | 1 | 0.412 | 0.400 | 103.1 | 68.3 - 120 | |
| Chlorfenapyr | 0.589 | < 1.000 | | 2.207 | 2.000 | 110.4 | 69.1 - 126 | |
| Chlorpyrifos | 0.009 | < 0.100 | 1 | 0.385 | 0.400 | 96.1 | 80.3 - 113 | |
| Clofentezine | 0.010 | < 0.100 | 1 | 0.271 | 0.400 | 67.9 | 57.0 - 106 | |
| Cyfluthrin | 0.000 | < 1.000 | 1 | 2.079 | 2.000 | 103.9 | 82.2 - 118 | |
| Cypermethrin | 0.000 | < 1.000 | 1 | 2.346 | 2.000 | 117.3 | 85.8 - 108 | Q1 |
| Daminozide | 0.000 | < 1.000 | 1 | 0.779 | 2.000 | 39.0 | 24.9 - 46.2 | |
| Diazinon | 0.006 | < 0.100 | T . | 0.418 | 0.400 | 104.4 | 71.3 - 125 | |
| Dichlorvos | 0.000 | < 0.500 | 1 | 2.146 | 2.000 | 107.3 | 80.5 - 111 | |
| Dimethoat | 0.002 | < 0.100 | | 0.398 | 0.400 | 99.5 | 85.0 - 109 | |
| Ethoprophos | 0.000 | < 0.100 | 1 | 0.425 | 0.400 | 106.2 | 88.0 - 111 | |
| Etofenprox | 0.000 | < 0.100 | | 0.821 | 0.800 | 102.6 | 88.6 - 111 | |
| Etoxazol | 0.000 | < 0.100 | 1 | 0.454 | 0.400 | 113.4 | 74.9 - 139 | |
| Fenoxycarb | 0.003 | < 0.100 | 1 | 0.408 | 0.400 | 102.0 | 75.4 - 124 | |
| Fenpyroximat | 0.002 | < 0.100 | 1 | 0.852 | 0.800 | 106.5 | 85.8 - 113 | |
| Fipronil | 0.000 | < 0.100 | 1 | 0.750 | 0.800 | 93.8 | 75.9 - 126 | |
| Flonicamid | 0.000 | < 0.400 | t | 0.960 | 1.000 | 96.0 | 77.6 - 116 | |
| Fludioxonil | 0.000 | < 0.100 | 1 | 0.841 | 0.800 | 105.2 | 80.7 - 111 | |
| Hexythiazox | 0.014 | < 0.400 | 1 | 0.957 | 1.000 | 95.7 | 75.1 - 118 | |
| Imazalil | 0.000 | < 0.100 | 1 | 0.341 | 0.400 | 85.4 | 83.0 - 117 | |
| Imidacloprid | 0.000 | < 0.200 | † | 0.822 | 0.800 | 102.7 | 84.7 - 111 | |
| Kresoxim-Methyl | 0.000 | < 0.100 | 1 | 0.833 | 0.800 | 104.1 | 77.2 - 123 | |
| Malathion | 0.001 | < 0.100 | 1 | 0.391 | 0.400 | 97.8 | 83.5 - 117 | |
| Metalaxyl | 0.000 | < 0.100 | 1 | 0.401 | 0.400 | 100.2 | 85.4 - 109 | |
| Methiocarb | 0.000 | < 0.100 | 1 | 0.439 | 0.400 | 109.7 | 82.0 - 116 | |
| Methomyl | 0.000 | < 0.200 | 1 | 0.795 | 0.800 | 99.4 | 71.7 - 121 | |
| MGK 264 | 0.032 | < 0.100 | 1 | 0.444 | 0.400 | 110.9 | 80.7 - 120 | |
| Myclobutanil | 0.000 | < 0.100 | 1 | 0.399 | 0.400 | 99.8 | 84.0 - 114 | |
| Naled | 0.000 | < 0.200 | 1 | 0.957 | 1.000 | 95.7 | 63.4 - 118 | |
| Oxamyl | 0.000 | < 0.400 | | 1.957 | 2.000 | 97.9 | 72.6 - 119 | |
| Paclobutrazol | 0.000 | < 0.200 | 1 | 0.789 | 0.800 | 98.6 | 82.5 - 125 | |
| Parathion Methyl | 0.000 | < 0.200 | | 0.782 | 0.800 | 97.8 | 72.3 - 134 | |
| Permethrin | 0.000 | < 0.100 | 1 | 0.444 | 0.400 | 111.1 | 84.9 - 110 | Q1 |
| Phosmet | 0.005 | < 0.100 | 1 | 0.424 | 0.400 | 105.9 | 79.9 - 119 | |
| Piperonyl butoxide | 0.000 | < 1.000 | 1 | 2.135 | 2.000 | 106.8 | 85.4 - 114 | |
| Prallethrin | 0.041 | < 0.200 | 1 | 0.830 | 0.800 | 103.8 | 77.7 - 121 | |
| Propiconazole | 0.000 | < 0.200 | | 0.810 | 0.800 | 101.2 | 80.9 - 115 | |
| Propoxur | 0.002 | < 0.100 | 1 | 0.425 | 0.400 | 106.3 | 79.1 - 121 | |
| Pyrethrins | 0.000 | < 0.500 | | 0.310 | 0.284 | 109.3 | 88.3 - 123 | |
| Pyridaben | 0.002 | < 0.100 | | 0.402 | 0.400 | 100.5 | 78.8 - 119 | |
| Spinosad | 0.000 | < 0.100 | 1 | 0.408 | 0.388 | 105.0 | 77.6 - 134 | |
| Spiromesifen | 0.000 | < 0.100 | 1 | 0.421 | 0.400 | 105.1 | 70.6 - 122 | |
| Spirotetramat | 0.000 | < 0.100 | 1 | 0.428 | 0.400 | 107.0 | 71.8 - 124 | |
| Spiroxamine | 0.000 | < 0.100 | 1 | 0.814 | 0.800 | 101.7 | 81.3 - 117 | |
| Tebuconazol | 0.006 | < 0.200 | 1 | 0.772 | 0.800 | 96.5 | 76.1 - 120 | |
| Thiacloprid | 0.000 | < 0.100 | 1 | 0.399 | 0.400 | 99.7 | 78.7 - 116 | |
| Thiamethoxam | 0.000 | < 0.100 | 1 | 0.381 | 0.400 | 95.3 | 74.3 - 119 | |
| Trifloxystrobin | 0.000 | < 0.100 | 1 | 0.407 | 0.400 | 101.7 | 88.0 - 114 | |





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 19-011485

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Revision: 1.00 Control: CFL-C21 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | | Units: | mg/Kg | | | | Bat | tch ID: 1908655 | i |
|-----------------------------|-----------------|---------|-------------|-------|------|-------|------------|-------------|-----------------|--------|
| Matrix Spike/Matrix Spike D | Ouplicate Recov | eries | 80.15.00.00 | | | | Sample ID: | 19-011464-0 | 0001 | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | | MSD % Rec | Limits | Notes |
| Acephate | 0.000 | 1.167 | 1.173 | 1.000 | 0.6 | < 30 | 116.7 | 117.3 | 50 - 150 | 110100 |
| Acequinocyl | 0.000 | 5.410 | 5.660 | 4.000 | 4.5 | < 30 | 135.3 | 141.5 | 50 - 150 | |
| Acetamiprid | 0.000 | 0.550 | 0.574 | 0.400 | 4.2 | < 30 | 137.6 | 143.5 | 50 - 150 | |
| Aldicarb | 0.000 | 1.253 | 1.287 | 0.800 | 2.7 | < 30 | 156.7 | 160.9 | 50 - 150 | Q1 |
| Abamectin | 0.000 | 1.124 | 1.201 | 1.000 | 6.6 | < 30 | 112.4 | 120.1 | 50 - 150 | |
| Azoxystrobin | 0.003 | 0.536 | 0.516 | 0.400 | 3.8 | < 30 | 133.2 | 128.2 | 50 - 150 | |
| Bifenazate | 0.000 | 0.506 | 0.536 | 0.400 | 5.7 | < 30 | 126.5 | 133.9 | 50 - 150 | |
| Bifenthrin | 0.000 | 0.493 | 0.530 | 0.400 | 7.2 | < 30 | 123.3 | 132.4 | 50 - 150 | |
| Boscalid | 0.000 | 0.973 | 0.894 | 0.800 | 8.4 | < 30 | 121.6 | 111.8 | 50 - 150 | |
| Carbaryl | 0.000 | 0.583 | 0.593 | 0.400 | 1.7 | < 30 | 145.8 | 148.3 | 50 - 150 | |
| Carbofuran | 0.000 | 0.582 | 0.583 | 0.400 | 0.2 | < 30 | 145.4 | 145.7 | 50 - 150 | |
| Chlorantraniliprol | 0.018 | 0.302 | 0.420 | 0.400 | 11.6 | < 30 | 113.2 | 100.4 | 50 - 150 | |
| Chlorfenapyr | 0.163 | 2.643 | 3.618 | 2.000 | 31.1 | < 30 | 124.0 | 172.8 | 50 - 150 | Q1, R |
| Chlorpyrifos | 0.012 | 0.550 | 0.545 | 0.400 | 0.9 | < 30 | 134.4 | 133.2 | 50 - 150 | QI, K |
| Clofentezine | 0.012 | 0.337 | 0.343 | 0.400 | 1.2 | < 30 | 91.8 | 90.7 | 50 - 150 | |
| Cyfluthrin | 0.010 | 3.353 | 3.343 | 2.000 | 0.3 | < 30 | 166.6 | 166.1 | 3370000 | Q1 |
| | | | 2.909 | | 3.6 | < 30 | 150.8 | 145.4 | 7000 | |
| Cypermethrin | 0.000 | 3.017 | | 2.000 | | | | | | Q1 |
| Daminozide | 0.000 | 1.086 | 1.081 | 2.000 | 0.5 | < 30 | 54.3 | 54.1 | 30 - 150 | |
| Diazinon | 0.005 | 0.503 | 0.502 | 0.400 | 0.2 | < 30 | 124.4 | 124.1 | 50 - 150 | |
| Dichlorvos | 0.000 | 2.922 | 2.781 | 2.000 | 5.0 | < 30 | 146.1 | 139.0 | 50 - 150 | |
| Dimethoat | 0.001 | 0.517 | 0.538 | 0.400 | 3.9 | < 30 | 129.1 | 134.2 | 50 - 150 | |
| Ethoprophos | 0.000 | 0.534 | 0.530 | 0.400 | 0.8 | < 30 | 133.5 | 132.5 | 50 - 150 | |
| Etofenprox | 0.000 | 1.075 | 1.103 | 0.800 | 2.6 | < 30 | 134.4 | 137.9 | 50 - 150 | |
| Etoxazol | 0.000 | 0.569 | 0.573 | 0.400 | 0.7 | < 30 | 142.2 | 143.3 | 50 - 150 | |
| Fenoxycarb | 0.003 | 0.548 | 0.555 | 0.400 | 1.3 | < 30 | 136.2 | 138.0 | 50 - 150 | |
| Fenpyroximat | 0.002 | 0.955 | 0.974 | 0.800 | 2.1 | < 30 | 119.1 | 121.6 | 50 - 150 | |
| Fipronil | 0.000 | 1.268 | 1.249 | 0.800 | 1.5 | < 30 | 158.5 | 156.1 | 50 - 150 | Q1 |
| Flonicamid | 0.000 | 0.952 | 0.967 | 1.000 | 1.6 | < 30 | 95.2 | 96.7 | 50 - 150 | |
| Fludioxonil | 0.000 | 0.765 | 0.770 | 0.800 | 0.7 | < 30 | 95.6 | 96.3 | 50 - 150 | |
| Hexythiazox | 0.014 | 2.185 | 2.306 | 1.000 | 5.4 | < 30 | 217.1 | 229.2 | 50 - 150 | Q1 |
| Imazalil | 0.000 | 0.485 | 0.465 | 0.400 | 4.3 | < 30 | 121.3 | 116.2 | 50 - 150 | |
| Imidacloprid | 0.000 | 0.833 | 0.878 | 0.800 | 5.2 | < 30 | 104.2 | 109.7 | 50 - 150 | Š. |
| Kresoxim-Methyl | 0.000 | 1.040 | 1.055 | 0.800 | 1.4 | < 30 | 130.1 | 131.8 | 50 - 150 | |
| Malathion | 0.000 | 0.537 | 0.533 | 0.400 | 0.7 | < 30 | 134.3 | 133.3 | 50 - 150 | |
| Metalaxyl | 0.000 | 0.517 | 0.528 | 0.400 | 2.0 | < 30 | 129.3 | 131.9 | 50 - 150 | |
| Methiocarb | 0.000 | 0.530 | 0.539 | 0.400 | 1.5 | < 30 | 132.6 | 134.6 | 50 - 150 | |
| Methomyl | 0.000 | 0.856 | 0.888 | 0.800 | 3.6 | < 30 | 107.0 | 111.0 | 50 - 150 | |
| MGK 264 | 0.028 | 0.620 | 0.596 | 0.400 | 3.9 | < 30 | 147.9 | 142.0 | 50 - 150 | |
| Myclobutanil | 0.000 | 0.429 | 0.393 | 0.400 | 8.7 | < 30 | 107.3 | 98.3 | 50 - 150 | |
| Naled | 0.000 | 1.193 | 1.121 | 1.000 | 6.2 | < 30 | 119.3 | 112.1 | 50 - 150 | |
| Oxamyl | 0.000 | 2.092 | 2.118 | 2.000 | 1.2 | < 30 | 104.6 | 105.9 | 50 - 150 | |
| Paclobutrazol | 0.018 | 0.825 | 0.837 | 0.800 | 1.5 | < 30 | 100.8 | 102.4 | 50 - 150 | |
| Parathion Methyl | 0.000 | 1.183 | 1.059 | 0.800 | 11.1 | < 30 | 147.9 | 132.3 | 30 - 150 | |
| Permethrin | 0.000 | 0.520 | 0.524 | 0.400 | 0.8 | < 30 | 129.9 | 130.9 | 50 - 150 | |
| Phosmet | 0.005 | 0.583 | 0.607 | 0.400 | 4.1 | < 30 | 144.6 | 150.7 | 50 - 150 | Q1 |
| Piperonyl butoxide | 0.000 | 2.508 | 2.441 | 2.000 | 2.7 | < 30 | 125.4 | 122.1 | 50 - 150 | |
| Prallethrin | 0.038 | 1.754 | 2.200 | 0.800 | 22.6 | < 30 | 214.5 | 270.3 | 50 - 150 | Q1 |
| Propiconazole | 0.000 | 0.932 | 0.915 | 0.800 | 1.9 | < 30 | 116.6 | 114.3 | 50 - 150 | |
| Propoxur | 0.001 | 0.588 | 0.585 | 0.400 | 0.4 | < 30 | 146.7 | 146.2 | 50 - 150 | |
| Pyrethrins | 0.000 | 0.379 | 0.368 | 0.284 | 3.0 | < 30 | 133.5 | 129.5 | 50 - 150 | |
| Pyridaben | 0.003 | 0.546 | 0.565 | 0.400 | 3.3 | < 30 | 135.9 | 140.5 | 50 - 150 | |
| Spinosad | 0.000 | 0.559 | 0.560 | 0.388 | 0.2 | < 30 | 144.1 | 144.3 | 50 - 150 | |
| Spiromesifen | 0.000 | 0.471 | 0.458 | 0.400 | 2.9 | < 30 | 117.8 | 114.4 | 50 - 150 | |
| Spirotetramat | 0.000 | 0.400 | 0.414 | 0.400 | 3.5 | < 30 | 100.0 | 103.5 | 50 - 150 | |
| Spiroxamine | 0.000 | 0.997 | 1.011 | 0.800 | 1.5 | < 30 | 124.6 | 126.4 | 50 - 150 | |
| Tebuconazol | 0.006 | 0.823 | 0.830 | 0.800 | 0.9 | < 30 | 102.1 | 103.1 | 50 - 150 | |
| Thiacloprid | 0.000 | 0.569 | 0.572 | 0.400 | 0.5 | < 30 | 142.2 | 143.0 | 50 - 150 | |
| Thiamethoxam | 0.000 | 0.303 | 0.414 | 0.400 | 4.3 | < 30 | 99.2 | 103.6 | 50 - 150 | |
| | | 2 0.000 | 0.735 | 0.400 | 28.3 | < 30 | 122.8 | 183.7 | 50 - 150 | Q1 |





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Laboratory Quality Control Results

| J AOAC 2015 V | | | | | | | | |
|----------------|-------------|--|-------|-------|-------|----------|------------|-------|
| Laboratory Con | trol Sample | | | | | | | |
| Analyte | Result | | Spike | Units | % Rec | Limits | Evaluation | Notes |
| CBDV-A | 0.00889 | | 0.01 | % | 88.9 | 85 - 115 | Acceptable | |
| CBDV | 0.00983 | | 0.01 | % | 98.3 | 85 - 115 | Acceptable | |
| CBD-A | 0.00853 | | 0.01 | % | 85.3 | 85 - 115 | Acceptable | |
| CBG-A | 0.00894 | | 0.01 | % | 89.4 | 85 - 115 | Acceptable | |
| CBG | 0.00961 | | 0.01 | % | 96.1 | 85 - 115 | Acceptable | |
| CBD | 0.00958 | | 0.01 | % | 95.8 | 85 - 115 | Acceptable | |
| THCV | 0.00983 | | 0.01 | % | 98.3 | 85 - 115 | Acceptable | |
| THCVA | 0.00906 | | 0.01 | % | 90.6 | 85 - 115 | Acceptable | |
| CBN | 0.00988 | | 0.01 | % | 98.8 | 85 - 115 | Acceptable | |
| THC | 0.0101 | | 0.01 | % | 101 | 85 - 115 | Acceptable | |
| D8THC | 0.00908 | | 0.01 | % | 90.8 | 85 - 115 | Acceptable | |
| CBL | 0.0103 | | 0.01 | % | 103 | 85 - 115 | Acceptable | |
| CBC | 0.00951 | | 0.01 | % | 95.1 | 85 - 115 | Acceptable | |
| THCA | 0.00924 | | 0.01 | % | 92.4 | 85 - 115 | Acceptable | |
| CBCA | 0.00856 | | 0.01 | % | 85.6 | 85 - 115 | Acceptable | |

Method Blank

| Wiethou Blan | IK. | | | | | |
|--------------|--------|-------|-------|---------|------------|-------|
| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
| CBDV-A | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBDV | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBD-A | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBG-A | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBG | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBD | ND | 0.003 | % | < 0.003 | Acceptable | |
| THCV | ND | 0.003 | % | < 0.003 | Acceptable | |
| THCVA | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBN | ND | 0.003 | % | < 0.003 | Acceptable | |
| THC | ND | 0.003 | % | < 0.003 | Acceptable | |
| D8THC | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBL | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBC | ND | 0.003 | % | < 0.003 | Acceptable | |
| THCA | ND | 0.003 | % | < 0.003 | Acceptable | |
| CBCA | ND | 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





 Job Number:
 19-011485

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 09/30/2019

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OR100028

This report cannot be used for ODA, OHA or OLCC compliance requirements.

| J AOAC 2015 | V98-6 | | | | Bat | ch ID: 190874 |) | | | |
|--------------|--------|-------------|-------|---------------------------|-------|---------------|------------|-------|--|--|
| Sample Dupli | cate | | | Sample ID: 19-011428-0001 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes | | |
| CBDV-A | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBDV | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBD-A | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBG-A | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBG | ND | 0.00337 | 0.003 | % | NA | < 20 | Acceptable | R2 | | |
| CBD | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| THCV | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| THCVA | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBN | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| THC | 0.139 | 0.140 | 0.003 | % | 0.717 | < 20 | Acceptable | | | |
| D8THC | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBL | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBC | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| THCA | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |
| CBCA | ND | ND | 0.003 | % | 0 | < 20 | Acceptable | | | |

Abbreviations

R2 - Sample replicates RPD non-calculable, as only one replicate is within analytical range.

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

Units of Measure:

% - Percent





 Job Number:
 19-011485

 Report Number:
 19-011485-00

 Report Date:
 09/30/2019

Purchase Order:

ORELAP#:

Received: 09/23/19 10:35

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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. |
| В | 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. |