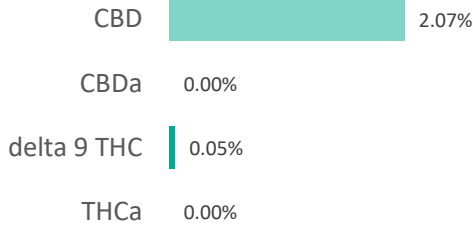
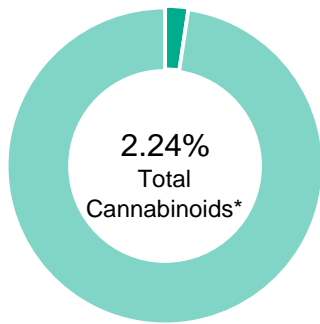


500mg/oz FSO ORANGE TINCTURE

| | | | |
|------------------|-------------|-----------------|-------------|
| Batch ID: | 8570-01 | Test ID: | 2084318.009 |
| Reported: | 19-Dec-2019 | Method: | TM14 |
| Type: | Concentrate | | |
| Test: | Potency | | |

CANNABINOID PROFILE


| Compound | LOQ (%) | Result (%) | Result (mg/g) |
|--|---------|-------------|---------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.01 | 0.00 | 0.0 |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 0.00 | 0.05 | 0.5 |
| Cannabidiolic acid (CBDA) | 0.01 | 0.00 | 0.0 |
| Cannabidiol (CBD) | 0.00 | 2.07 | 20.7 |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 0.01 | 0.00 | 0.0 |
| Cannabinolic Acid (CBNA) | 0.01 | 0.00 | 0.0 |
| Cannabinol (CBN) | 0.01 | 0.01 | 0.1 |
| Cannabigerolic acid (CBGA) | 0.01 | 0.00 | 0.0 |
| Cannabigerol (CBG) | 0.00 | 0.02 | 0.2 |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.01 | 0.00 | 0.0 |
| Tetrahydrocannabivarin (THCV) | 0.00 | 0.00 | 0.0 |
| Cannabidivarinic Acid (CBDVA) | 0.01 | 0.00 | 0.0 |
| Cannabidivarin (CBDV) | 0.00 | 0.00 | 0.0 |
| Cannabichromenic Acid (CBCA) | 0.01 | 0.01 | 0.1 |
| Cannabichromene (CBC) | 0.01 | 0.08 | 0.8 |
| Total Cannabinoids | | 2.24 | 22.40 |
| Total Potential THC** | | 0.05 | 0.50 |
| Total Potential CBD** | | 2.07 | 20.70 |

NOTES:

An Interfering peak was detected near CBD which may impact the accuracy of CBD.


% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.


** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL


 Daniel Weidensaul
 19-Dec-2019
 7:32 PM

PREPARED BY / DATE


 David Green
 19-Dec-2019
 8:59 PM

APPROVED BY / DATE

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500mg/oz FSO ORANGE TINCTURE

| | | | |
|------------------|------------------------|-----------------|-----------------------------------|
| Batch ID: | 8570-01 | Test ID: | 9707868.002 |
| Reported: | 19-Dec-2019 | Method: | Edible - Test Methods: TM05, TM06 |
| Type: | Edible | | |
| Test: | Microbial Contaminants | | |

MICROBIAL CONTAMINANTS

| Contaminant | Result (CFU/g)* |
|--------------------------------|------------------------|
| Total Aerobic Count** | None Detected |
| Total Coliforms** | None Detected |
| Total Yeast and Molds** | None Detected |
| E. coli | None Detected |
| Salmonella | None Detected |

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL
Mara Miller
19-Dec-2019
3:04 PM
David Green
19-Dec-2019
3:24 PM

PREPARED BY / DATE

APPROVED BY / DATE

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500mg/oz FSO ORANGE TINCTURE

| | | | |
|------------------|-------------------|-----------------|-------------|
| Batch ID: | 8570-01 | Test ID: | 9761152.011 |
| Reported: | 19-Dec-2019 | Method: | TM04 |
| Type: | Concentrate | | |
| Test: | Residual Solvents | | |

RESIDUAL SOLVENTS

| Solvent | Reportable Range (ppm) | Result (ppm) |
|----------------------------------|------------------------|--------------|
| Propane | 100 - 2000 | 0 |
| Butanes (Isobutane, n-Butane) | 100 - 2000 | 0 |
| Pentane | 100 - 2000 | 0 |
| Ethanol | 100 - 2000 | 884 |
| Acetone | 100 - 2000 | 0 |
| Isopropyl Alcohol | 100 - 2000 | 0 |
| Hexane | 6 - 120 | 0 |
| Benzene | 0.2 - 4 | 0.0 |
| Heptanes | 100 - 2000 | 0 |
| Toluene | 18 - 360 | 0 |
| Xylenes (m,p,o-Xylenes) | 43 - 860 | 0 |

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

| | |
|---|--|
|  Ryan Weems 19-Dec-2019 4:41 PM |  David Green 19-Dec-2019 5:52 PM |
|---|--|

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02


500mg/oz FSO ORANGE TINCTURE


| | | | |
|------------------|-------------|-----------------|---|
| Batch ID: | 8570-01 | Test ID: | T000043954 |
| Reported: | 30-Dec-2019 | Method: | Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod) |
| Type: | Other | | |
| Test: | Metals | | |

HEAVY METALS

| Compound | Reporting Limit (ppm) | Result (ppm) |
|----------|-----------------------|--------------|
| Arsenic | 0.05 | <0.05 |
| Cadmium | 0.05 | <0.05 |
| Lead | 0.05 | <0.05 |
| Mercury | 0.05 | <0.05 |

FINAL APPROVAL


Sam Smith
30-Dec-2019
3:09 PM
PREPARED BY / DATE


Greg Zimpfer
30-Dec-2019
3:17 PM
APPROVED BY / DATE

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500mg/oz FSO ORANGE TINCTURE

| | | | |
|------------------|-------------|-----------------|--------------|
| Batch ID: | 8570-01 | Test ID: | 4549925.0037 |
| Reported: | 20-Dec-2019 | Method: | TM17 |
| Type: | Concentrate | | |
| Test: | Pesticides | | |


PESTICIDE RESIDUE

| Compound | Dynamic Range (ppb) | Result (ppb) | Compound | Dynamic Range (ppb) | Result (ppb) |
|---------------------|---------------------|--------------|-----------------|---------------------|--------------|
| Acephate | 52 - 2423 | ND* | Malathion | 52 - 2423 | ND* |
| Acetamiprid | 52 - 2423 | ND* | Metalaxyl | 314 - 2423 | ND* |
| Avermectin | 314 - 2423 | ND* | Methiocarb | 52 - 2423 | ND* |
| Azoxystrobin | 52 - 2423 | ND* | Methomyl | 52 - 2423 | ND* |
| Bifenazate | 52 - 2423 | ND* | MGK 264 1 | 52 - 2423 | ND* |
| Boscalid | 314 - 2423 | ND* | MGK 264 2 | 314 - 2423 | ND* |
| Carbaryl | 52 - 2423 | ND* | Myclobutanil | 314 - 2423 | ND* |
| Carbofuran | 52 - 2423 | ND* | Naled | 314 - 2423 | ND* |
| Chlorantraniliprole | 52 - 2423 | ND* | Oxamyl | 52 - 2423 | ND* |
| Chlorpyrifos | 314 - 2423 | ND* | Paclobutrazol | 52 - 2423 | ND* |
| Clofentezine | 52 - 2423 | ND* | Permethrin | 314 - 2423 | ND* |
| Diazinon | 52 - 2423 | ND* | Phosmet | 52 - 2423 | ND* |
| Dichlorvos | 314 - 2423 | ND* | Prophos | 314 - 2423 | ND* |
| Dimethoate | 52 - 2423 | ND* | Propoxur | 314 - 2423 | ND* |
| E-Fenpyroximate | 314 - 2423 | ND* | Pyridaben | 314 - 2423 | ND* |
| Etofenprox | 314 - 2423 | ND* | Spinosad A | 52 - 2423 | ND* |
| Etoxazole | 314 - 2423 | ND* | Spinosad D | 314 - 2423 | ND* |
| Fenoxycarb | 52 - 2423 | ND* | Spiromesifen | 52 - 2423 | ND* |
| Fipronil | 314 - 2423 | ND* | Spirotetramat | 314 - 2423 | ND* |
| Flonicamid | 52 - 2423 | ND* | Spiroxamine 1 | 52 - 2423 | ND* |
| Fludioxonil | 314 - 2423 | ND* | Spiroxamine 2 | 52 - 2423 | ND* |
| Hexythiazox | 314 - 2423 | ND* | Tebuconazole | 52 - 2423 | ND* |
| Imazalil | 314 - 2423 | ND* | Thiacloprid | 52 - 2423 | ND* |
| Imidacloprid | 52 - 2423 | ND* | Thiamethoxam | 52 - 2423 | ND* |
| Kresoxim-methyl | 52 - 2423 | ND* | Trifloxystrobin | 314 - 2423 | ND* |

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

 Alex Smith
 20-Dec-2019
 2:52 PM

PREPARED BY / DATE

 Greg Zimpfer
 20-Dec-2019
 4:38 PM

APPROVED BY / DATE

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