

Order #: 41083 Order Name: 300mg Multi-Vitamin Gummy Drops 30ct Batch#: FGUM0610S10

Batch#: FGUM0610S10 Received: 11/12/2019 Completed: 11/26/2019 **ReThink CBD** 11231 NW 20th Street Unit 140-195 Miami Florida, 33172 (888) 746-8223



### Sample



N/D D9-THC 0.453% Total CBD

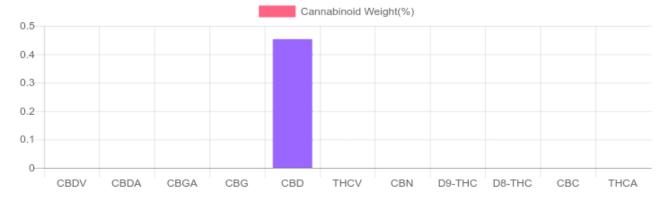
305.1 mg Cannabinoids per container 305.1 mg CBD per container

1 container = 67.3 grams per container x Cannabinoid concentration

#### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

| GSL SOP 400        | PREPARED: 11/13/2019 12:37:30 |           | UPLOADED: | 11/14/2019 08:27:20 |
|--------------------|-------------------------------|-----------|-----------|---------------------|
| Cannabinoids       | LOQ                           | weight(%) | mg/g      | mg/container        |
| D9-THC             | 10 PPM                        | N/D       | N/D       | N/D                 |
| THCA               | 10 PPM                        | N/D       | N/D       | N/D                 |
| CBD                | 10 PPM                        | 0.453%    | 4.533     | 305.1               |
| CBDA               | 20 PPM                        | N/D       | N/D       | N/D                 |
| CBDV               | 20 PPM                        | N/D       | N/D       | N/D                 |
| CBC                | 10 PPM                        | N/D       | N/D       | N/D                 |
| CBN                | 10 PPM                        | N/D       | N/D       | N/D                 |
| CBG                | 10 PPM                        | N/D       | N/D       | N/D                 |
| CBGA               | 20 PPM                        | N/D       | N/D       | N/D                 |
| D8-THC             | 10 PPM                        | N/D       | N/D       | N/D                 |
| THCV               | 10 PPM                        | N/D       | N/D       | N/D                 |
| TOTAL D9-THC       |                               | N/D       | N/D       | N/D                 |
| TOTAL CBD*         |                               | 0.453%    | 4.533     | 305.1               |
| TOTAL CANNABINOIDS |                               | 0.453%    | 4.533     | 305.1               |



Reporting Limit 10 ppm
\*Total CBD = CBD + CBDA x 0.877
N/D - Not Detected, B/LOQ - Below Limit of Quantification



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### **PESTICIDE ANALYSIS:**

GSL SOP 401 PREPARED: 11/12/2019 17:55:24 UPLOADED: 11/13/2019 19:02:44

GCMS-MS - Shimadzu GCMS-TQ8040

| Pesticide    | Action Level (ppm) | Results<br>(ppm) | LOQ<br>(ppm) | LOD<br>(ppm) |
|--------------|--------------------|------------------|--------------|--------------|
| CHLORFENAPYR | 0.010              | N/D              | 0.003        | 0.001        |
| COUMAPHOS    | 0.010              | N/D              | 0.003        | 0.001        |
| CYFLUTHRIN   | 0.010              | N/D              | 0.003        | 0.001        |
| CYPERMETHRIN | 0.500              | N/D              | 0.003        | 0.001        |

| Pesticide              | Action Leve | LOQ   | LOD   |       |
|------------------------|-------------|-------|-------|-------|
|                        | (ppm)       | (ppm) | (ppm) | (ppm) |
| FIPRONIL               | 0.010       | N/D   | 0.003 | 0.001 |
| FLUDIOXONIL            | 0.020       | N/D   | 0.003 | 0.001 |
| PENTACHLORONITROBENZEN | € 0.030     | N/D   | 0.003 | 0.001 |

LCMS-MS - Shimadzu LCMS-8060

| Pesticide       | Action Level (ppm) | Results (ppm) | LOQ<br>(ppm) | LOD<br>(ppm) | Pesticide     | Action Level (ppm) | Results (ppm) | LOQ<br>(ppm) | LOD<br>(ppm) |
|-----------------|--------------------|---------------|--------------|--------------|---------------|--------------------|---------------|--------------|--------------|
| ABAMECTIN B1A   | 0.020              | N/D           | 0.005        | 0.001        | METALAXYL     | 0.010              | N/D           | 0.001        | 0.001        |
| ACEPHATE        | 0.020              | N/D           | 0.001        | 0.001        | METHIOCARB    | 0.010              | N/D           | 0.005        | 0.001        |
| ACEQUINOCYL     | 0.020              | N/D           | 0.001        | 0.001        | METHOMYL      | 0.010              | N/D           | 0.001        | 0.001        |
| ACETAMIPRID     | 10.000             | N/D           | 0.005        | 0.001        | MEVINPHOS     | 0.010              | N/D           | 0.001        | 0.001        |
| ALDICARB        | 0.010              | N/D           | 0.005        | 0.001        | MYCLOBUTANIL  | 0.020              | N/D           | 0.005        | 0.001        |
| AZOXYSTROBIN    | 0.100              | N/D           | 0.001        | 0.001        | NALED         | 0.010              | N/D           | 0.005        | 0.001        |
| BIFENAZATE      | 0.010              | N/D           | 0.005        | 0.001        | OXAMYL        | 0.026              | N/D           | 0.001        | 0.001        |
| CHLORPYRIFOS    | 0.020              | N/D           | 0.001        | 0.001        | PACLOBUTRAZOL | 0.010              | N/D           | 0.005        | 0.001        |
| CLOFENTEZINE    | 0.040              | N/D           | 0.001        | 0.001        | PERMETHRINS   | 0.020              | N/D           | 0.005        | 0.001        |
| DAMINOZIDE      | 0.010              | N/D           | 0.005        | 0.001        | PHOSMET       | 0.020              | N/D           | 0.005        | 0.001        |
| DIAZANON        | 0.010              | N/D           | 0.001        | 0.001        | PIPERONYL     | 3.000              | N/D           | 0.001        | 0.001        |
| DICHLORVOS      | 0.020              | N/D           | 0.005        | 0.001        | BUTOXIDE      | 3.000              | N/D           | 0.001        | 0.001        |
| DIMETHOATE      | 0.010              | N/D           | 0.001        | 0.001        | PRALLETHRIN   | 0.020              | N/D           | 0.005        | 0.005        |
| DIMETHOMORPH    | 0.010              | N/D           | 0.005        | 0.001        | PROPICONAZOLE | 0.020              | N/D           | 0.010        | 0.005        |
| ETHOPROPHOS     | 0.010              | N/D           | 0.001        | 0.001        | PROPOXUR      | 0.020              | N/D           | 0.001        | 0.001        |
| ETOFENPROX      | 0.010              | N/D           | 0.001        | 0.001        | PYRETHRINS    | 0.500              | N/D           | 0.005        | 0.005        |
| ETOXAZOLE       | 0.010              | N/D           | 0.010        | 0.005        | (PYRETHRIN I) | 0.500              | N/D           | 0.005        | 0.005        |
| FENHEXAMID      | 0.080              | N/D           | 0.005        | 0.001        | PYRIDABEN     | 0.020              | N/D           | 0.005        | 0.001        |
| FENOXYCARB      | 0.010              | N/D           | 0.005        | 0.001        | SPINETORAM    | 0.040              | N/D           | 0.001        | 0.001        |
| FENPYROXIMATE   | 0.100              | N/D           | 0.001        | 0.001        | SPINOSAD      | 0.020              | N/D           | 0.001        | 0.001        |
| FLONICAMID      | 0.100              | N/D           | 0.025        | 0.010        | (SPINOSYN A)  | 0.020              | IN/D          | 0.001        | 0.001        |
| HEXYTHIAZOX     | 0.100              | N/D           | 0.005        | 0.001        | SPINOSAD      | 0.000              | N/D           | 0.001        | 0.001        |
| IMAZALIL        | 0.010              | N/D           | 0.005        | 0.001        | (SPINOSYN D)  | 0.020              | N/D           | 0.001        | 0.001        |
| IMIDACLOPRID    | 0.020              | N/D           | 0.005        | 0.001        | SPIROMESIFEN  | 0.030              | N/D           | 0.005        | 0.001        |
| KRESOXIM-METHYL | 0.020              | N/D           | 0.010        | 0.005        | SPIROTETRAMAT | 0.020              | N/D           | 0.001        | 0.001        |
| MALATHION       | 0.010              | N/D           | 0.005        | 0.001        | SPIROXAMINE   | 0.010              | N/D           | 0.001        | 0.001        |
|                 |                    |               |              |              | TEBUCONAZOLE  | 0.010              | N/D           | 0.005        | 0.001        |
|                 |                    |               |              |              | THIACLOPRID   | 0.010              | N/D           | 0.001        | 0.001        |

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level



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THIAMETHOXAM

TRIFLOXYSTROBIN



0.010

0.020



0.001

0.001

0.001

0.001

N/D



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#### **RESIDUAL SOLVENTS:**

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

Prepared: 11/12/2019 17:43:17 Uploaded: 11/13/2019 12:50:28

| Residual Solvent  | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|-------------------|--------------------|---------------|-----------|-----------|
| ACETONE           | 5,000              | N/D           | 140       | 20        |
| ACETONITRILE      | 410                | N/D           | 25        | 1         |
| BENZENE           | 1                  | N/D           | 1         | 0.5       |
| BUTANE            | 5,000              | N/D           | 50        | 10        |
| CHLOROFORM        | 1                  | N/D           | 1         | 0.5       |
| DICHLOROETHANE    | 1                  | N/D           | 1         | 0.5       |
| DICHLOROMETHANE   | 1                  | N/D           | 1         | 0.5       |
| ETHANOL           | 5,000              | 307           | 140       | 20        |
| ETHYL ACETATE     | 5,000              | N/D           | 140       | 20        |
| ETHYL ETHER       | 5,000              | N/D           | 140       | 20        |
| ISOPROPYL ALCOHOL | 5,000              | N/D           | 140       | 20        |
| METHANOL          | 3,000              | B/LOQ         | 100       | 20        |
| N-HEPTANE         | 5,000              | N/D           | 140       | 20        |
| N-HEXANE          | 290                | N/D           | 18        | 10        |
| PENTANE           | 5,000              | N/D           | 140       | 20        |
| PROPANE           | 5,000              | N/D           | 20        | 1         |
| TOLUENE           | 890                | N/D           | 53        | 1         |
| TRICHLOROETHENE   | 1                  | N/D           | 0         | 0         |
| XYLENES           | 2,170              | N/D           | 130       | 20        |















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### **Microbial Analysis:**

Microbial Analysis GSL SOP 406

Uploaded: 11/15/2019 10:20:43

| PCR - Agilent AriaMX <b>Test</b> | Test Method<br>Used | Device Used | LOD             | Allowable Criteria | Actual<br>Result | Pass/Fail |
|----------------------------------|---------------------|-------------|-----------------|--------------------|------------------|-----------|
| PATHOGENIC E.COLI*               | USP 61/62†          | ARIAMX PCR  | 2 COPIES OF DNA | PRESENCE / ABSENT  | BELOW<br>LOD     | PASS      |
| STEC E.COLI*                     | USP 61/62†          | ARIAMX PCR  | 2 COPIES OF DNA | PRESENCE / ABSENT  | BELOW<br>LOD     | PASS      |
| SALMONELLA*                      | USP 61/62†          | ARIAMX PCR  | 5 COPIES OF DNA | PRESENCE / ABSENT  | BELOW<br>LOD     | PASS      |
| LISTERIA MONOCYTOGENES           |                     | ARIAMX PCR  | 2 COPIES OF DNA | PRESENCE / ABSENT  | BELOW<br>LOD     | PASS      |

<sup>†</sup> USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)











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<sup>\*</sup> STEC and Salmonella run as Multiplex



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### **Mycotoxin Analysis:**

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

Uploaded: 11/13/2019 19:02:43

| Analyte      | Action LvI (ppb) | Results (ppb) |
|--------------|------------------|---------------|
| AFLATOXIN B1 | 20               | N/D           |
| AFLATOXIN B2 | 20               | N/D           |
| AFLATOXIN G1 | 20               | N/D           |
| AFLATOXIN G2 | 20               | N/D           |
| OCHRATOXIN A | 20               | N/D           |
|              |                  |               |

LOQ is 4ppb, LOD is 1ppb

## **Heavy Metals Analysis:**

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 11/13/2019 15:45:04

| Metal        | Action Level (ppb) | Result (ppb) |
|--------------|--------------------|--------------|
| ARSENIC (AS) | 200                | B/LOQ        |
| CADMIUM (CD) | 200                | B/LOQ        |
| MERCURY (HG) | 100                | B/LOQ        |
| LEAD (PB)    | 500                | B/LOQ        |

Lower Limit of Quantitation (LOQ) is 75 ppb



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