



# CERTIFICATE OF ANALYSIS

Customer: Pure Science Lab - Coconut Creek, FL 33013

Order #: 705272  
 Batch #: 90919  
 Order Date: 09/16/2019  
 Collection Date: 09/16/2019  
 Report Date: 09/24/2019

Specimen Type: Extract  
 Description: Oral Syringe  
 Method: SOP-3

Initial Gross Weight: 17315.00(mg)  
 Specimen Weight: 100.93(mg)

| Potency (HPLC) |               |       |         |           |               |        |         |             |               |         |       |
|----------------|---------------|-------|---------|-----------|---------------|--------|---------|-------------|---------------|---------|-------|
| Analyte        | Result (mg/g) | (%)   | LOQ (%) | Analyte   | Result (mg/g) | (%)    | LOQ (%) | Analyte     | Result (mg/g) | LOQ (%) |       |
| CBC            | 5.498         | 0.550 | 0.001   | CBCA      | ND            | 0.001  |         | CBD         | 450.800       | 45.080  | 0.001 |
| CBDA           | ND            | 0.001 |         | CBDA      | ND            | 0.001  |         | CBDA        | ND            | 0.001   |       |
| CBG            | 1.302         | 0.130 | 0.001   | CBGA      | ND            | 0.001  |         | CBL         | 0.546         | 0.055   | 0.001 |
| CBN            | 4.029         | 0.403 | 0.001   | CBNA      | ND            | 0.001  |         | Delta-8-THC | ND            | 0.001   |       |
| Delta-9-THC    | ND            | 0.001 |         | THCA-A    | ND            | 0.001  |         | THCV        | ND            | 0.001   |       |
| THCVA          | ND            | 0.001 |         | Total CBD | 450.800       | 45.080 | 0.001   | Total THC   | ND            | 0.001   |       |

| Pesticides ( Passed ) (LCMS/MS) |                    |              |           |              |                    |              |           |                     |                    |              |           |
|---------------------------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|---------------------|--------------------|--------------|-----------|
| Analyte                         | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte      | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte             | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
| Abamectin                       | 0.500              | <LOQ         | 0.100     | Acephate     | 0.400              | <LOQ         | 0.100     | Acequinocyl         | 2.000              | <LOQ         | 0.750     |
| Acetamiprid                     | 0.200              | <LOQ         | 0.100     | Aldicarb     | 0.400              | <LOQ         | 0.100     | Azoxystrobin        | 0.200              | <LOQ         | 0.100     |
| Bifenazate                      | 0.200              | <LOQ         | 0.100     | Bifenthrin   | 0.200              | <LOQ         | 0.100     | Boscalid            | 0.400              | <LOQ         | 0.100     |
| Carbaryl                        | 0.200              | <LOQ         | 0.100     | Carbofuran   | 0.200              | <LOQ         | 0.100     | Chlorantraniliprole | 0.200              | <LOQ         | 0.100     |
| Chlorpyrifos                    | 0.200              | <LOQ         | 0.100     | Clofentezine | 0.200              | <LOQ         | 0.100     | Cypermethrin        | 1.000              | <LOQ         | 0.100     |
| Daminozide                      | 1.000              | <LOQ         | 0.100     | Diazinon     | 0.200              | <LOQ         | 0.100     | Dichlorvos          | 0.100              | <LOQ         | 0.100     |
| Dimethoate                      | 0.200              | <LOQ         | 0.100     | Ethionphos   | 0.200              | <LOQ         | 0.100     | Etofenprox          | 0.400              | <LOQ         | 0.100     |
| Etoxazole                       | 0.200              | <LOQ         | 0.100     | Fenoxycarb   | 0.200              | <LOQ         | 0.100     | Fipronil            | 0.400              | <LOQ         | 0.100     |
| Fonicamid                       | 1.000              | <LOQ         | 0.100     | Fludioxonil  | 0.400              | <LOQ         | 0.100     | Hexythiazox         | 1.000              | <LOQ         | 0.100     |
| Imazalil                        | 0.200              | <LOQ         | 0.100     | Imidacloprid | 0.400              | <LOQ         | 0.100     | Kresoxim Methyl     | 0.400              | <LOQ         | 0.100     |
| Malathion A                     | 0.200              | <LOQ         | 0.100     | Metalaxyl    | 0.200              | <LOQ         | 0.100     | Methiocarb          | 0.200              | <LOQ         | 0.100     |
| Methomyl                        | 0.400              | <LOQ         | 0.100     | MGK-264      | 0.200              | <LOQ         | 0.100     | Myclobutanil        | 0.200              | <LOQ         | 0.100     |
| Naled                           | 0.500              | <LOQ         | 0.100     | Oxamyl       | 1.000              | <LOQ         | 0.100     | Paclobutrazol       | 0.400              | <LOQ         | 0.100     |
| Parathion-methyl                | 0.200              | <LOQ         | 0.250     | Permethrin   | 0.200              | <LOQ         | 0.100     | Phosmet             | 0.200              | <LOQ         | 0.100     |
| Piperonylbutoxide               | 2.000              | <LOQ         | 0.100     | Prallethrin  | 0.200              | <LOQ         | 0.100     | Propiconazole       | 0.400              | <LOQ         | 0.100     |
| Propoxur                        | 0.200              | <LOQ         | 0.100     | Pyrethrins   | 1.000              | <LOQ         | 0.100     | Pyridaben           | 0.200              | <LOQ         | 0.100     |
| Spinosyn A                      | 0.200              | <LOQ         | 0.100     | Spinosyn D   | 0.200              | <LOQ         | 0.100     | Spiromesifen        | 0.200              | <LOQ         | 0.100     |
| Spirotetramat                   | 0.200              | <LOQ         | 0.100     | Spiroxamine  | 0.400              | <LOQ         | 0.100     | Tebuconazole        | 0.400              | <LOQ         | 0.100     |
| Thiacloprid                     | 0.200              | <LOQ         | 0.100     | Thiamethoxam | 0.200              | <LOQ         | 0.100     | Trifloxystrobin     | 0.200              | <LOQ         | 0.100     |

Thomas Farrell, MD  
Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC, ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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# CERTIFICATE OF ANALYSIS



Customer: Pure Science Lab - Coconut Creek, FL 33013

|  |   |   |
|--|---|---|
| <b>Order #:</b> 705272<br><b>Batch #:</b> 90919<br><b>Order Date:</b> 09/16/2019<br><b>Collection Date:</b> 09/16/2019<br><b>Report Date:</b> 09/24/2019 | <b>Specimen Type:</b> Extract<br><b>Description:</b> Oral Syringe<br><b>Method:</b> SOP-3 | <b>Initial Gross Weight:</b> 17315.00(mg)<br><b>Specimen Weight:</b> 100.93(mg) |
|--|---|---|

| Heavy Metals ( Passed ) |                    |              |           | ( ICP-MS )   |                    |              |           |
|-------------------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|
| Analyte                 | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
| Arsenic (As)            | 500.000            | <LOQ         | 100.000   | Cadmium (Cd) | 500.000            | Passed       | 100.000   |
| Mercury (Hg)            | 500.000            | <LOQ         | 100.000   | Lead (Pb)    | 500.000            | <LOQ         | 100.000   |

| Mycotoxins ( Passed ) |                    |              |           | ( LCMS/MS )     |                    |              |           |
|-----------------------|--------------------|--------------|-----------|-----------------|--------------------|--------------|-----------|
| Analyte               | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte         | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
| Aflatoxin B1          |                    | <LOQ         | 6.000     | Aflatoxin B2    |                    | <LOQ         | 6.000     |
| Aflatoxin G2          |                    | <LOQ         | 6.000     | Aflatoxin Total | 20.000             | <LOQ         | 6.000     |
|                       |                    |              |           | Ochratoxin A    | 20.000             | <LOQ         | 12.000    |

| Microbiology (qPCR) ( Passed ) |        | ( qPCR )                 |        |
|--------------------------------|--------|--------------------------|--------|
| Analyte                        | Remark | Analyte                  | Remark |
| Total Aerobic Count            | Passed | Total Coliform           | Passed |
| Total Yeast/Mold               | Passed | Total Enterobacteriaceae | Passed |

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