

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 41370  
 Order Name: Roll-On Gel 750 mg  
 Batch#: CCA-L0919  
 Received: 11/14/2019  
 Completed: 11/17/2019



### Sample



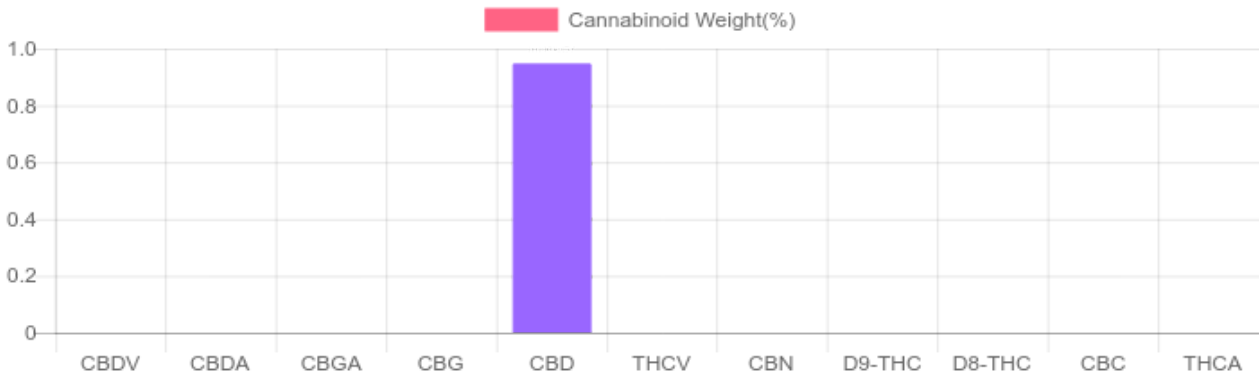
|                                   |                          |
|-----------------------------------|--------------------------|
| N/D<br>D9-THC                     | 0.947%<br>Total CBD      |
| 804.6 mg<br>Cannabinoids per unit | 804.6 mg<br>CBD per unit |

### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
 GSL SOP 400      PREPARED: 11/14/2019 14:16:30      UPLOADED: 11/15/2019 09:35:12

| Cannabinoids       | LOQ    | weight(%)     | mg/g         | mg/unit      |
|--------------------|--------|---------------|--------------|--------------|
| D9-THC             | 10 PPM | N/D           | N/D          | N/D          |
| THCA               | 10 PPM | N/D           | N/D          | N/D          |
| CBD                | 10 PPM | <b>0.947%</b> | <b>9.466</b> | <b>804.6</b> |
| 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*         |        | <b>0.947%</b> | <b>9.466</b> | <b>804.6</b> |
| TOTAL CANNABINOIDS |        | <b>0.947%</b> | <b>9.466</b> | <b>804.6</b> |

1 unit = 85 grams per unit x Cannabinoid concentration



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



4001 SW 47th Avenue Suite 208  
 Davie, FL 33314  
 1-833-TEST-CBD  
 info@greenscientificlabs.com



Dr. Andrew Hall, Ph.D., CSO & Lab Director

Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 41370  
 Order Name: Roll-On Gel 750 mg  
 Batch#: CCA-L0919  
 Received: 11/14/2019  
 Completed: 11/17/2019



### PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 11/14/2019 15:50:13

UPLOADED: 11/15/2019 17:16:30

LCMS-MS - Shimadzu LCMS-8060

| Pesticide           | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) | Pesticide       | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|---------------------|--------------------|---------------|-----------|-----------|-----------------|--------------------|---------------|-----------|-----------|
| ABAMECTIN B1A       | 0.100              | N/D           | 0.005     | 0.001     | IMAZALIL        | 0.100              | N/D           | 0.005     | 0.001     |
| ACEPHATE            | 0.100              | N/D           | 0.001     | 0.001     | IMIDACLOPRID    | 5.000              | N/D           | 0.005     | 0.001     |
| ACEQUINOCYL         | 0.100              | N/D           | 0.001     | 0.001     | KRESOXIM-METHYL | 0.100              | N/D           | 0.010     | 0.005     |
| ACETAMIPRID         | 0.100              | N/D           | 0.005     | 0.001     | MALATHION       | 0.500              | N/D           | 0.005     | 0.001     |
| ALDICARB            | 0.100              | N/D           | 0.005     | 0.001     | METALAXYL       | 2.000              | N/D           | 0.001     | 0.001     |
| AZOXYSTROBIN        | 0.100              | N/D           | 0.001     | 0.001     | METHIOCARB      | 0.100              | N/D           | 0.005     | 0.001     |
| BIFENAZATE          | 0.100              | N/D           | 0.005     | 0.001     | METHOMYL        | 1.000              | N/D           | 0.001     | 0.001     |
| BIFENTHRIN          | 3.000              | N/D           | 0.005     | 0.001     | MEVINPHOS       | 0.100              | N/D           | 0.001     | 0.001     |
| BOSCALID            | 0.100              | N/D           | 0.005     | 0.001     | MYCLOBUTANIL    | 0.100              | N/D           | 0.005     | 0.001     |
| CARBARYL            | 0.500              | N/D           | 0.003     | 0.001     | NALED           | 0.100              | N/D           | 0.005     | 0.001     |
| CARBOFURAN          | 0.100              | N/D           | 0.001     | 0.001     | OXAMYL          | 0.500              | N/D           | 0.001     | 0.001     |
| CHLORANTRANILIPROLE | 10.000             | N/D           | 0.005     | 0.005     | PACLOBUTRAZOL   | 0.100              | N/D           | 0.005     | 0.001     |
| CHLORPYRIFOS        | 0.100              | N/D           | 0.001     | 0.001     | PERMETHRINS     | 0.500              | N/D           | 0.005     | 0.001     |
| CLOFENTEZINE        | 0.100              | N/D           | 0.001     | 0.001     | PHOSMET         | 0.100              | N/D           | 0.005     | 0.001     |
| DAMINOZIDE          | 0.100              | N/D           | 0.005     | 0.001     | PIPERONYL       | 3.000              | N/D           | 0.001     | 0.001     |
| DIAZANON            | 0.100              | N/D           | 0.001     | 0.001     | BUTOXIDE        |                    |               |           |           |
| DICHLORVOS          | 0.100              | N/D           | 0.005     | 0.001     | PRALLETHRIN     | 0.100              | N/D           | 0.005     | 0.005     |
| DIMETHOATE          | 0.100              | N/D           | 0.001     | 0.001     | PROPICONAZOLE   | 0.100              | N/D           | 0.010     | 0.005     |
| DIMETHOMORPH        | 2.000              | N/D           | 0.005     | 0.001     | PROPOXUR        | 0.100              | N/D           | 0.001     | 0.001     |
| ETHOPROPHOS         | 0.100              | N/D           | 0.001     | 0.001     | PYRETHRINS      |                    |               |           |           |
| ETOFENPROX          | 0.100              | N/D           | 0.001     | 0.001     | (PYRETHRIN I)   | 0.500              | N/D           | 0.005     | 0.005     |
| ETOXAZOLE           | 0.100              | N/D           | 0.010     | 0.005     | PYRIDABEN       | 0.100              | N/D           | 0.005     | 0.001     |
| FENHEXAMID          | 0.100              | N/D           | 0.005     | 0.001     | SPINETORAM      | 0.100              | N/D           | 0.001     | 0.001     |
| FENOXYCARB          | 0.100              | N/D           | 0.005     | 0.001     | SPINOSAD        | 0.100              | N/D           | 0.001     | 0.001     |
| FENPYROXIMATE       | 0.100              | N/D           | 0.001     | 0.001     | SPIROMESIFEN    | 0.100              | N/D           | 0.005     | 0.001     |
| FIPRONIL            | 0.100              | N/D           | 0.003     | 0.001     | SPIROTETRAMAT   | 0.100              | N/D           | 0.001     | 0.001     |
| FLONICAMID          | 0.100              | N/D           | 0.025     | 0.010     | SPIROXAMINE     | 0.100              | N/D           | 0.001     | 0.001     |
| FLUDIOXONIL         | 0.100              | N/D           | 0.003     | 0.001     | TEBUCONAZOLE    | 0.100              | N/D           | 0.005     | 0.001     |
| HEXYTHIAZOX         | 0.100              | N/D           | 0.005     | 0.001     | THIACLOPRID     | 0.100              | N/D           | 0.001     | 0.001     |
|                     |                    |               |           |           | THIAMETHOXAM    | 5.000              | N/D           | 0.001     | 0.001     |
|                     |                    |               |           |           | TRIFLOXYSTROBIN | 0.100              | 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



4001 SW 47th Avenue Suite 208  
 Davie, FL 33314  
 1-833-TEST-CBD  
 info@greenscientificlabs.com



PJLA Testing  
 Accreditation #103104



Dr. Andrew Hall, Ph.D., CSO & Lab Director

Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



**Order #:** 41370  
**Order Name:** Roll-On Gel 750 mg  
**Batch#:** CCA-L0919  
**Received:** 11/14/2019  
**Completed:** 11/17/2019



### Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 11/16/2019 18:51:07

PCR - Agilent AriaMX

| Test         | Test Method Used | Device Used | LOD             | Allowable Criteria | Actual Result | Pass/Fail |
|--------------|------------------|-------------|-----------------|--------------------|---------------|-----------|
| STEC E.COLI* | USP 61/62†       | ARIAMX PCR  | 2 COPIES OF DNA | PRESENCE / ABSENT  | BELOW LOD     | PASS      |
| SALMONELLA*  | USP 61/62†       | ARIAMX PCR  | 5 COPIES OF DNA | PRESENCE / ABSENT  | BELOW LOD     | PASS      |
| ASPERGILLUS  | USP 61/62†       | ARIAMX PCR  | ASP_LOD***      | PRESENCE / ABSENT  | BELOW LOD     | PASS      |

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

\* STEC and Salmonella run as Multiplex

\*\*\* Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



4001 SW 47th Avenue Suite 208  
 Davie, FL 33314  
 1-833-TEST-CBD  
 info@greenscientificlabs.com



PJLA  
 Testing  
 Accreditation #103104



Dr. Andrew Hall, Ph.D., CSO & Lab Director

Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 41370  
Order Name: Roll-On Gel 750 mg  
Batch#: CCA-L0919  
Received: 11/14/2019  
Completed: 11/17/2019



### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030  
GSL SOP 403

Uploaded: 11/15/2019 11:42:16

| 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



4001 SW 47th Avenue Suite 208  
Davie, FL 33314  
1-833-TEST-CBD  
info@greenscientificlabs.com



Accreditation #103104



Dr. Andrew Hall, Ph.D., CSO & Lab Director

Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.