

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 52340  
 Order Name: NS Watermelon  
 1500mg Oil  
 Batch#: KWM1  
 Received: 04/16/2020  
 Completed: 04/24/2020

### Sample



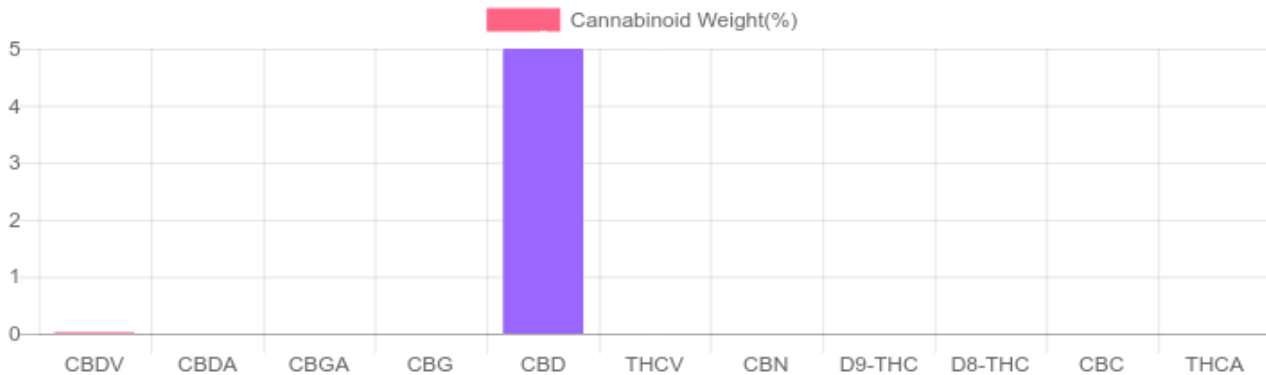
|                                     |                            |
|-------------------------------------|----------------------------|
| N/D<br>D9-THC                       | 5.00%<br>Total CBD         |
| 1,423.7 mg<br>Cannabinoids per unit | 1,418.6 mg<br>CBD per unit |

### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
 GSL SOP 400      PREPARED: 04/17/2020 12:39:34

| 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>5.00%</b> | <b>50.04</b> | <b>1,418.6</b> |
| CBDA               | 20 PPM | N/D          | N/D          | N/D            |
| CBDV               | 20 PPM | <b>0.02%</b> | <b>0.18</b>  | <b>5.1</b>     |
| 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       |        | <b>N/D</b>   | <b>N/D</b>   | <b>N/D</b>     |
| TOTAL CBD*         |        | <b>5.00%</b> | <b>50.04</b> | <b>1,418.6</b> |
| TOTAL CANNABINOIDS |        | <b>5.02%</b> | <b>50.22</b> | <b>1,423.7</b> |

1 unit = 30 ml per unit x density (0.945) x  
 Cannabinoid concentration



Reporting Limit 100 ppm  
 \*Total CBD = CBD + CBDA x 0.877  
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



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 #: 52340  
 Order Name: NS Watermelon  
 1500mg Oil  
 Batch#: KWM1  
 Received: 04/16/2020  
 Completed: 04/24/2020

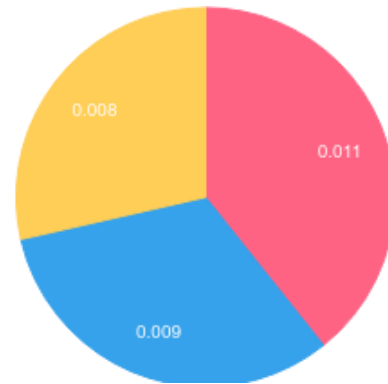
### TERPENES: TOTAL (0.030%)

GSL SOP 404

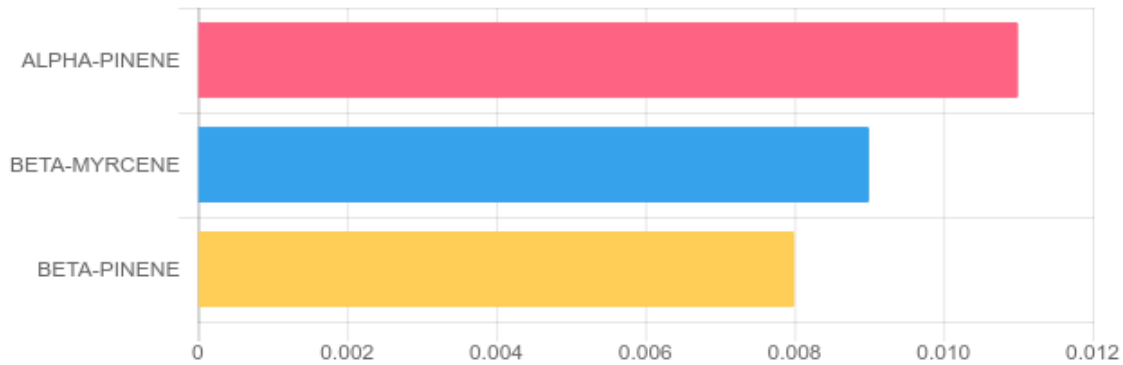
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

| Terpene       | Results (%) | LOQ (%) | LOD (%) |
|---------------|-------------|---------|---------|
| ALPHA-PINENE  | 0.011%      | 0.0067% | 0.0063% |
| BETA-MYRCENE  | 0.009%      | 0.0067% | 0.0063% |
| BETA-PINENE   | 0.008%      | 0.0067% | 0.0063% |
| CARYOPHYLLENE | B/LOQ       | 0.0067% | 0.0063% |

### Terpenes Breakdown



### Top Terpenes Results:



### Tested for but not present:

CAMPHENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, LIMONENE, P-CYME, CIS-BETA-OCIMENE, EUCALYPTOL, GAMMA-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAJOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



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 #: 52340  
 Order Name: NS Watermelon  
 1500mg Oil  
 Batch#: KWM1  
 Received: 04/16/2020  
 Completed: 04/24/2020

### PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 04/17/2020 16:34:03

GCMS-MS - Shimadzu GCMS-TQ8040

| Pesticide    | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|--------------|--------------------|---------------|-----------|-----------|
| CAPTAN       | 0.700              | N/D           | 0.003     | 0.001     |
| CHLORDANE    | 0.100              | N/D           | 0.003     | 0.001     |
| CHLORFENAPYR | 0.100              | N/D           | 0.003     | 0.001     |
| COUMAPHOS    | 0.100              | N/D           | 0.003     | 0.001     |


| Pesticide               | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|-------------------------|--------------------|---------------|-----------|-----------|
| CYFLUTHRIN              | 2.000              | N/D           | 0.003     | 0.001     |
| CYPERMETHRIN            | 1.000              | N/D           | 0.003     | 0.001     |
| PARATHION-METHYL        | 0.100              | N/D           | 0.003     | 0.001     |
| PENTACHLORONITROBENZENE | 0.100              | N/D           | 0.003     | 0.001     |


LCMS-MS - Shimadzu LCMS-8060

| Pesticide           | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|---------------------|--------------------|---------------|-----------|-----------|
| ABAMECTIN B1A       | 0.100              | N/D           | 0.005     | 0.001     |
| ACEPHATE            | 0.100              | N/D           | 0.001     | 0.001     |
| ACEQUINOCYL         | 0.100              | N/D           | 0.001     | 0.001     |
| ACETAMIPRID         | 0.100              | N/D           | 0.005     | 0.001     |
| ALDICARB            | 0.100              | N/D           | 0.005     | 0.001     |
| AZOXYSTROBIN        | 0.100              | N/D           | 0.001     | 0.001     |
| BIFENAZATE          | 0.100              | N/D           | 0.005     | 0.001     |
| BIFENTHRIN          | 3.000              | N/D           | 0.005     | 0.001     |
| BOSCALID            | 0.100              | 0.022         | 0.005     | 0.001     |
| CARBARYL            | 0.500              | N/D           | 0.003     | 0.001     |
| CARBOFURAN          | 0.100              | N/D           | 0.001     | 0.001     |
| CHLORANTRANILIPROLE | 10.000             | N/D           | 0.005     | 0.005     |
| CHLORPYRIFOS        | 0.100              | 0.040         | 0.001     | 0.001     |
| CLOFENTEZINE        | 0.100              | N/D           | 0.001     | 0.001     |
| DAMINOZIDE          | 0.100              | N/D           | 0.005     | 0.001     |
| DIAZINON            | 0.100              | N/D           | 0.001     | 0.001     |
| DICHLORVOS          | 0.100              | N/D           | 0.005     | 0.001     |
| DIMETHOATE          | 0.100              | N/D           | 0.001     | 0.001     |
| DIMETHOMORPH        | 2.000              | N/D           | 0.005     | 0.001     |
| ETHOPROPHOS         | 0.100              | N/D           | 0.001     | 0.001     |
| ETOFENPROX          | 0.100              | N/D           | 0.001     | 0.001     |
| ETOXAZOLE           | 0.100              | N/D           | 0.010     | 0.005     |
| FENHEXAMID          | 0.100              | N/D           | 0.005     | 0.001     |
| FENOXYCARB          | 0.100              | N/D           | 0.005     | 0.001     |
| FENPYROXIMATE       | 0.100              | N/D           | 0.001     | 0.001     |
| FIPRONIL            | 0.100              | N/D           | 0.003     | 0.001     |
| FLONICAMID          | 0.100              | N/D           | 0.025     | 0.010     |
| FLUDIOXONIL         | 0.100              | 0.013         | 0.003     | 0.001     |
| HEXYTHIAZOX         | 0.100              | N/D           | 0.005     | 0.001     |
| IMAZALIL            | 0.100              | N/D           | 0.005     | 0.001     |

| Pesticide                | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|--------------------------|--------------------|---------------|-----------|-----------|
| IMIDACLOPRID             | 5.000              | N/D           | 0.005     | 0.001     |
| KRESOXIM-METHYL          | 0.100              | N/D           | 0.010     | 0.005     |
| MALATHION                | 0.500              | N/D           | 0.005     | 0.001     |
| METALAXYL                | 2.000              | N/D           | 0.001     | 0.001     |
| METHIOCARB               | 0.100              | N/D           | 0.005     | 0.001     |
| METHOMYL                 | 1.000              | N/D           | 0.001     | 0.001     |
| MEVINPHOS                | 0.100              | N/D           | 0.001     | 0.001     |
| MYCLOBUTANIL             | 0.100              | N/D           | 0.005     | 0.001     |
| NALED                    | 0.100              | N/D           | 0.005     | 0.001     |
| OXAMYL                   | 0.500              | N/D           | 0.001     | 0.001     |
| PACLOBUTRAZOL            | 0.100              | N/D           | 0.005     | 0.001     |
| PERMETHRINS              | 0.500              | N/D           | 0.005     | 0.001     |
| PHOSMET                  | 0.100              | N/D           | 0.005     | 0.001     |
| PIPERONYL BUTOXIDE       | 3.000              | N/D           | 0.001     | 0.001     |
| PRALLETHRIN              | 0.100              | N/D           | 0.005     | 0.005     |
| PROPICONAZOLE            | 0.100              | N/D           | 0.010     | 0.005     |
| PROPOXUR                 | 0.100              | N/D           | 0.001     | 0.001     |
| PYRETHRINS (PYRETHRIN I) | 0.500              | N/D           | 0.005     | 0.005     |
| PYRIDABEN                | 0.100              | N/D           | 0.005     | 0.001     |
| SPINETORAM               | 0.100              | N/D           | 0.001     | 0.001     |
| SPINOSAD                 | 0.100              | N/D           | 0.001     | 0.001     |
| SPIROMESIFEN             | 0.100              | N/D           | 0.005     | 0.001     |
| SPIROTETRAMAT            | 0.100              | N/D           | 0.001     | 0.001     |
| SPIROXAMINE              | 0.100              | N/D           | 0.001     | 0.001     |
| TEBUCONAZOLE             | 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              | 0.014         | 0.001     | 0.001     |

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

  
 Dr. Andrew Hall, Ph.D., Chief Scientific Officer

  
 Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



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 #:** 52340  
**Order Name:** NS Watermelon  
 1500mg Oil  
**Batch#:** KWM1  
**Received:** 04/16/2020  
**Completed:** 04/24/2020

### RESIDUAL SOLVENTS:

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

| Residual Solvent         | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|--------------------------|--------------------|---------------|-----------|-----------|
| 1,1-DICHLOROETHENE       | 8                  | N/D           | 0.63      | 0.63      |
| 1,2- DICHLOROETHANE      | 2                  | N/D           | 0.12      | 0.02      |
| 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       |
| CIS 1,2-DICHLOROETHENE   | 5                  | N/D           | 0.73      | 0.18      |
| ETHANOL                  | 5,000              | N/D           | 140       | 20        |
| ETHYL ACETATE            | 5,000              | N/D           | 140       | 20        |
| ETHYL ETHER              | 5,000              | N/D           | 140       | 20        |
| ETHYLENE OXIDE           | 1                  | N/D           | 0         | 0         |
| ISOPROPYL ALCOHOL        | 5,000              | N/D           | 140       | 20        |
| METHANOL                 | 3,000              | N/D           | 100       | 20        |
| METHYLENE CHLORIDE       | 125                | N/D           | 0.15      | 0.15      |
| 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         |
| TRANS 1,2-DICHLOROETHENE | 5                  | N/D           | 0.73      | 0.18      |
| TRICHLOROETHENE          | 1                  | N/D           | 1         | 0.5       |
| XYLENES                  | 150                | N/D           | 130       | 20        |

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



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 #: 52340  
 Order Name: NS Watermelon  
 1500mg Oil  
 Batch#: KWM1  
 Received: 04/16/2020  
 Completed: 04/24/2020

### Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 04/24/2020 09:32:59

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      |
| YEAST AND MOLD         | USP 61/62†       | ARIAMX PCR  | 363.05518 CFU/G** | 1,000              | BELOW THRESHOLD | PASS      |
| TOTAL AEROBIC BACTERIA | USP 61/62†       | ARIAMX PCR  | 0.25316 CFU/G**   | 10,000             | BELOW THRESHOLD | PASS      |
| COLIFORM               | USP 61/62†       | ARIAMX PCR  | 3.41539 CFU/G**   | 100                | BELOW THRESHOLD | PASS      |
| ENTEROBACTERIACEAE     | USP 61/62†       | ARIAMX PCR  | 0.32951 CFU/G**   | 100                | BELOW THRESHOLD | 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

\*\* CFU/g Calculation based on Select Category Type Gummy MIP/Extract Flower matrix

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

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



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 #: 52340  
Order Name: NS Watermelon  
1500mg Oil  
Batch#: KWM1  
Received: 04/16/2020  
Completed: 04/24/2020

### Mycotoxin Analysis:

LC-MS - Shimadzu LCMS-8060  
GSL SOP 401

Uploaded: 04/19/2020 10:53:42

| Analyte      | Action Lvl (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

### Water Activity:

HD-3A Water Activity Meter - GSL SOP 407

Uploaded: 04/22/2020 09:03:33

#### Water

0.62

### Filth and Foreign Materials Analysis:

Microscope - Amscope Simul-Focal Trinocular Stereo Zoom Microscope - GSL SOP 409

Uploaded: 04/22/2020 09:05:22

Pass: No Foreign Materials Detected

### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030  
GSL SOP 403

Uploaded: 04/21/2020 17:15:30

| 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

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs  
info@greenscientificlabs.com  
1-833 TEST CBD



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.