

Sample ID: [REDACTED]

CERTIFICATE OF ANALYSIS

CW ANALYTICAL LABORATORIES | 510.545.6984

Sample Name: [REDACTED]

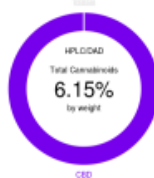
Client: [REDACTED]
Sample Type: Liquid
Strain: UnknownSubmitted: June 01, 2017
Tested: June 01, 2017
Expires: November 28, 2017
Submitted for: HPLC,**Cannabinoid Profiling**

Analysis of major cannabinoids by advanced chromatography, [GC: SOP-010; HPLC: SOP-014]

| | HPLC | | GC | |
|--------------|-------------|--------------|-----------|-----------|
| | Percent | mg/ml | Percent | mg/g |
| Δ9-THC | ND* | ND* | NA | NA |
| Δ8-THC | ND* | ND* | NA | NA |
| THCA | ND* | ND* | NA | NA |
| THCV | ND* | ND* | NA | NA |
| CBC | ND* | ND* | NA | NA |
| CBG | ND* | ND* | NA | NA |
| CBGA | ND* | ND* | NA | NA |
| CBN | ND* | ND* | NA | NA |
| CBD | 6.15 | 53.10 | NA | NA |
| CBDV | ND* | ND* | NA | NA |
| CBDA | ND* | ND* | NA | NA |
| Total | 6.15 | 53.10 | NA | NA |

Product Density (HPLC) = 864.8 mg/ml

-0% Decarboxylated THC

**Microbiological Screening**

Petriplate screening for microbiological contamination, [SOP-030]

| | Count | Client Limit** | Status** |
|--------------|-------|----------------|----------|
| APC | NA | | |
| Yeast & Mold | NA | | |
| Coliform | NA | | |
| E. coli | NA | | |
| Pseudomonas | NA | | |
| Salmonella | NA | | |

*TTC = Test Negative To Count

**Client Limit = This limit is self-selected and will be replaced by official CA state limits when they become available.

***Pass/Fail based on client limit selected.

Terpene Profiling

Analysis of terpenes, [SOP-012]

| PPM | | PPM | | PPM | |
|-----------------------|----|-----------------|----|-----------------|----|
| b-Myrcene | NA | Sabinene | NA | Elemene | NA |
| Nerol | NA | b-Pinene | NA | Phellandrene | NA |
| Nerolidol | NA | Camphene | NA | Isopulegol | NA |
| Ocimene | NA | Eucalyptol | NA | Linalol | NA |
| α-Bisbolol | NA | (-)-Fenchone | NA | (+)-Fenchone | NA |
| Farnesene | NA | Fenchol | NA | α-Caryophyllene | NA |
| Valencene | NA | Camphor | NA | Guaiol | NA |
| d3-Carene | NA | Borneol | NA | Bergamotene | NA |
| d-Limonene | NA | Pulegone | NA | Terpineol | NA |
| g-Terpinene | NA | Cedrol | NA | Terpinolene | NA |
| α-Pinene | NA | b-Caryophyllene | NA | α-Terpinene | NA |
| Total Terpenes | | 6.0 PPM | | | |

*ND = Not Detected

Residual Solvent Analysis

Analysis of residual solvents, [SOP-011]

| | PPM | Client Limit** | | PPM | Client Limit** |
|-----------|-----|----------------|-------------|-----|----------------|
| Acetone | NA | 400 | Isopropanol | NA | 400 |
| Benzene | NA | 400 | Methanol | NA | 400 |
| Ethanol | NA | 400 | nButane | NA | 400 |
| Heptane | NA | 400 | Pentane | NA | 400 |
| Hexane | NA | 400 | Propane | NA | 400 |
| Isobutane | NA | 400 | Toluene | NA | 400 |

*ND = Not Detected

CW uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgement. However, CW 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 these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

Robert W. Mark, PhD
Robert W. Mark, PhD

Sample ID: [REDACTED]

CERTIFICATE OF ANALYSIS

CW ANALYTICAL LABORATORIES | 510.545.6984

Sample Name: [REDACTED]

Client: [REDACTED]

Sample Type: Liquid

Strain: Unknown

Submitted: June 01, 2017

Tested: June 01, 2017

Expires: November 28, 2017

Submitted for: HPLC,

Chemical Residue Screening

Targeted analysis of chemical residues. (5/29/2017)

| | PPB | Client Limit** | Status*** | | PPB | Client Limit** | Status*** |
|---------------------|-----|----------------|-----------|--------------------|-----|----------------|-----------|
| Abamectin | NA | | | Myclobutani | NA | | |
| Acephate | NA | | | Paclobutrazol | NA | | |
| Acetamiprid | NA | | | Permethrin | NA | | |
| Azoxystrobin | NA | | | Phosmet | NA | | |
| Bifenazate | NA | | | Piperonyl butoxide | NA | | |
| Bifenthrin | NA | | | Prallethrin | NA | | |
| Boscalid | NA | | | Propiconazole | NA | | |
| Carbaryl | NA | | | Propoxure | NA | | |
| Carbofuran | NA | | | Pyrethrin | NA | | |
| Chlorantraniliprole | NA | | | Pyridaben | NA | | |
| Chlorpyrifos | NA | | | Spinosyn A | NA | | |
| Clofentezine | NA | | | Spinosyn D | NA | | |
| Daminozide | NA | | | Spiromesifen | NA | | |
| Dichlorvos | NA | | | Spirotetramat | NA | | |
| Diazinon | NA | | | Spiroxamine | NA | | |
| Dimethoate | NA | | | Tebuconazole | NA | | |
| Ethoprophos | NA | | | Thiacloprid | NA | | |
| Etofenprox | NA | | | Thiamethoxam | NA | | |
| Etoxazole | NA | | | Trifloxystrobin | NA | | |
| Fenoxycarb | NA | | | Acequinocyl | NA | | |
| Fenpyroximate | NA | | | Aflatoxin B1 | NA | | |
| Hexythiazox | NA | | | Aflatoxin B2 | NA | | |
| Imazalil | NA | | | Aflatoxin G1 | NA | | |
| Imidacloprid | NA | | | Aflatoxin G2 | NA | | |
| Kresoxin-methyl | NA | | | Cyfluthrin | NA | | |
| Malathion | NA | | | Fonicamid | NA | | |
| Metalaxyl | NA | | | Fludioxonil | NA | | |
| Methiocarb | NA | | | Cypermethrin | NA | | |

Sum of Chem. Residues 0 PPB

*ND = Not Detected

**Client Limit is self-detected and will be replaced by official CA State limits when they become available

***Pass/Fail based on client limit subject.

CW uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgement. However, CW 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 these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



This sample was tested by CW Analytical Laboratories.
Results are valid through the expiration date indicated.

Robert W. Martin, PhD
Robert W. Martin, PhD