



Certificate of Analysis

Powered by Confident Cannabis

Hemplucid

4844 N300 W, #202
Provo, UT 84604
(385) 203-8556

Sample: 1904DBL0323.3938

Lot #: VB-10319-B1

Ordered: 04/25/2019; Sampled: 04/29/2019; Completed: 05/06/2019

HL-VDVG500-342D

Ingestible, Tincture, CO2



Cannabinoids

1.30

% Total CBD

15.59
mg/mL

Total CBD

0.06

% Total THC

17.20
mg/mL

Total Cannabinoids

1 Unit = HL-VDVG500-342D; Density = 1.20 g/mL; Serving size: 1 mL, 36g

Cannabinoids

CBC
CBCa
CBD
CBDa
CBDV
CBDVa
CBG
CBGa
CBL
CBN
Δ8-THC
Δ9-THC
THCa
THCV
THCVa

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

| Cannabinoid | Mass | Mass | LOQ |
|------------------|----------------|---------------|---------|
| | mg/unit | mg/g | mg/unit |
| CBC | 17.118 | 0.476 | 2.055 |
| CBCa | <LOQ | <LOQ | 2.055 |
| CBD | 467.712 | 12.992 | 2.055 |
| CBDa | <LOQ | <LOQ | 2.055 |
| CBDV | 4.166 | 0.116 | 2.055 |
| CBDVa | <LOQ | <LOQ | 2.055 |
| CBG | 4.817 | 0.134 | 2.055 |
| CBGa | <LOQ | <LOQ | 2.055 |
| CBL | <LOQ | <LOQ | 2.055 |
| CBN | <LOQ | <LOQ | 2.055 |
| Δ8-THC | <LOQ | <LOQ | 2.055 |
| Δ9-THC | 22.033 | 0.612 | 2.055 |
| THCa | <LOQ | <LOQ | 2.055 |
| THCV | <LOQ | <LOQ | 2.055 |
| THCVa | <LOQ | <LOQ | 2.055 |
| Total THC | 22.033 | 0.612 | |
| Total CBD | 467.712 | 12.992 | |
| Total | 515.846 | 14.329 | |



Stacy Gardalen

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Quality Control

Kelly Zaugg

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Quality Control



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Sample Information

CTLA ID: 8375
 Date Received: 5/29/2019
 Sample Name: 30232 NTC HL Vape/Drip 500
 Lot Number: 191371
 Customer: Hemplucid

| Analysis | Method | MDL Specification | Result | Units |
|-----------------------------|-------------|-------------------|----------|-------|
| Rapid Complete Micro | | | | |
| Total Plate Count | USP <2021> | 100 Report | <100 | cfu/g |
| Total Coliforms | BAM CH.4 | 10 Report | <10 | cfu/g |
| E. Coli | USP <2022> | Report | Negative | |
| Salmonella | USP <2022> | Report | Negative | |
| Staph. aureus | USP <2022> | Report | Negative | |
| Rapid Yeast and Mold | AOAC 997.02 | 10 Report | <10 | cfu/g |


 Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.



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AMENDED

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4844 N300 W, #202
Provo, UT 84604
(385) 203-8556

Sample: 1811DBL0202.6548

Lot #: CO2-YP1-30318-648F

Ordered: 11/28/2018; Sampled: 12/01/2018; Completed: 12/28/2018

Extract Concentrate

Concentrates & Extracts, Live Resin, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes



0.305%
Total Terpenes



| Compound | LOQ | Mass | Mass | Relative Concentration |
|---------------------|-------|-------|------|------------------------|
| | % | % | mg/g | |
| β-Caryophyllene | 0.010 | 0.093 | 0.93 | |
| α-Bisabolol | 0.010 | 0.080 | 0.80 | |
| α-Humulene | 0.010 | 0.042 | 0.42 | |
| Guaiol | 0.010 | 0.040 | 0.40 | |
| Isopulegol | 0.010 | 0.016 | 0.16 | |
| Linalool | 0.010 | 0.012 | 0.12 | |
| p-Cymene | 0.010 | 0.011 | 0.11 | |
| cis-Nerolidol | 0.006 | 0.011 | 0.11 | |
| α-Pinene | 0.010 | <LOQ | <LOQ | |
| α-Terpinene | 0.010 | <LOQ | <LOQ | |
| β-Myrcene | 0.010 | <LOQ | <LOQ | |
| β-Pinene | 0.010 | <LOQ | <LOQ | |
| Camphene | 0.010 | <LOQ | <LOQ | |
| Caryophyllene Oxide | 0.010 | <LOQ | <LOQ | |
| cis-Ocimene | 0.006 | <LOQ | <LOQ | |
| δ-3-Carene | 0.010 | <LOQ | <LOQ | |
| δ-Limonene | 0.010 | <LOQ | <LOQ | |
| Eucalyptol | 0.010 | <LOQ | <LOQ | |
| γ-Terpinene | 0.010 | <LOQ | <LOQ | |
| Terpinolene | 0.010 | <LOQ | <LOQ | |
| trans-Nerolidol | 0.003 | <LOQ | <LOQ | |
| trans-Ocimene | 0.003 | <LOQ | <LOQ | |

Cannabinoid Relative Concentration

2.785%
Total THC

59.706%
Total CBD

NT
Moisture: Not Tested

66.988%
Total Cannabinoids

| Compound | LOQ | Mass | Mass | Relative Concentration |
|----------|-------|--------|--------|------------------------|
| | % | % | mg/g | |
| CBC | 0.027 | 1.752 | 17.52 | |
| CBCa | 0.027 | <LOQ | <LOQ | |
| CBD | 0.027 | 59.593 | 595.93 | |
| CBDa | 0.027 | 0.129 | 1.29 | |
| CBDV | 0.027 | 0.538 | 5.38 | |
| CBDVa | 0.027 | 0.044 | 0.44 | |
| CBG | 0.027 | 1.229 | 12.29 | |
| CBGa | 0.027 | 0.383 | 3.83 | |
| CBL | 0.027 | 0.210 | 2.10 | |
| CBN | 0.027 | 0.089 | 0.89 | |
| Δ8-THC | 0.027 | <LOQ | <LOQ | |
| Δ9-THC | 0.027 | 2.742 | 27.42 | |
| THCa | 0.027 | 0.050 | 0.50 | |
| THCV | 0.027 | 0.115 | 1.15 | |
| THCVa | 0.027 | 0.115 | 1.15 | |

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD

hemplucid™

Notes: Amended to include pesticide and residual solvent testing



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Sample: 1811DBL0202.6548

Lot #: CO2-YP1-30318-648F

Ordered: 11/28/2018; Sampled: 12/01/2018; Completed: 12/28/2018

Extract Concentrate

Concentrates & Extracts, Live Resin, CO2



Pesticides

Pass

| Compound | LOQ | Limit | Mass | Status |
|-------------------------|-----|-------|------|--------|
| | PPB | PPB | PPB | |
| Abamectin | 10 | 50 | <LOQ | Pass |
| Acequinocyl | 10 | 4000 | <LOQ | Pass |
| Bifenazate | 10 | 15000 | <LOQ | Pass |
| Bifenthrin | 10 | 50 | <LOQ | Pass |
| Cyfluthrin | 10 | 4000 | <LOQ | Pass |
| Cypermethrin | 10 | 50 | <LOQ | Pass |
| Daminozide | 10 | 50 | <LOQ | Pass |
| Dimethomorph | 10 | 60000 | <LOQ | Pass |
| Etoxazole | 10 | 7000 | <LOQ | Pass |
| Fenhexamid | 10 | 30000 | <LOQ | Pass |
| Flonicamid | 10 | 7000 | <LOQ | Pass |
| Fludioxonil | 10 | 20 | <LOQ | Pass |
| Imidacloprid | 10 | 50 | <LOQ | Pass |
| Myclobutanil | 10 | 4000 | <LOQ | Pass |
| Paclbutrazol | 10 | 50 | <LOQ | Pass |
| Piperonyl Butoxide | 10 | 10000 | <LOQ | Pass |
| Pyrethrins | 10 | 1000 | <LOQ | Pass |
| Quintozene | 10 | 200 | <LOQ | Pass |
| Spinetoram | 10 | 1700 | <LOQ | Pass |
| Spinosad | 10 | 10000 | <LOQ | Pass |
| Spirotetramat | 10 | 10000 | <LOQ | Pass |
| Thiamethoxam | 10 | 20 | <LOQ | Pass |
| Trifloxystrobin | 10 | 11000 | <LOQ | Pass |
| Plant Growth Regulators | 10 | 50 | <LOQ | Pass |

Microbials

Pass

| Quantitative Analysis | LOQ | Limit | Mass | Status |
|--------------------------------------|-------|-------|-------|--------|
| | CFU/g | CFU/g | CFU/g | |
| Bile-Tolerant Gram-Negative Bacteria | 9 | 100 | <LOQ | Pass |
| Yeast & Mold | 90 | 1000 | <LOQ | Pass |

| Qualitative Analysis | Detected or Not Detected | Status |
|----------------------|--------------------------|--------|
| Aspergillus | Not Detected | Pass |
| E. Coli | Not Detected | Pass |
| Salmonella | Not Detected | Pass |

Mycotoxins

Pass

| Mycotoxin | LOQ | Limit | Mass | Status |
|--------------|-----|-------|------|--------|
| | PPB | PPB | PPB | |
| Aflatoxins | 4.0 | 20.0 | 5.1 | Pass |
| Ochratoxin A | 2.0 | 20.0 | 3.0 | Pass |

Heavy Metals

Pass

| Element | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
| | PPB | PPB | PPB | |
| Arsenic | 41 | 2000 | <LOQ | Pass |
| Cadmium | 41 | 820 | <LOQ | Pass |
| Lead | 41 | 1200 | <LOQ | Pass |
| Mercury | 41 | 400 | <LOQ | Pass |

Residual Solvents

Pass

| Compound | LOQ | Limit | Mass | Status |
|----------|-----|-------|------|--------|
| | PPM | PPM | PPM | |
| Butanes | 64 | 500 | <LOQ | Pass |
| Heptanes | 64 | 500 | <LOQ | Pass |
| Propane | 64 | 500 | <LOQ | Pass |



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Extract Concentrate

Concentrates & Extracts, Live Resin, CO2



| Pesticides | | | | Pass |
|-------------------------|-----|-------|------|--------|
| Compound | LOQ | Limit | Mass | Status |
| | PPB | PPB | PPB | |
| Abamectin | 10 | 50 | <LOQ | Pass |
| Acequinocyl | 10 | 4000 | <LOQ | Pass |
| Bifenazate | 10 | 15000 | <LOQ | Pass |
| Bifenthrin | 10 | 50 | <LOQ | Pass |
| Cyfluthrin | 10 | 4000 | <LOQ | Pass |
| Cypermethrin | 10 | 50 | <LOQ | Pass |
| Daminozide | 10 | 50 | <LOQ | Pass |
| Dimethomorph | 10 | 60000 | <LOQ | Pass |
| Etoxazole | 10 | 7000 | <LOQ | Pass |
| Fenhexamid | 10 | 30000 | <LOQ | Pass |
| Flonicamid | 10 | 7000 | <LOQ | Pass |
| Fludioxonil | 10 | 20 | <LOQ | Pass |
| Imidacloprid | 10 | 50 | <LOQ | Pass |
| Myclobutanil | 10 | 4000 | <LOQ | Pass |
| Paclobutrazol | 10 | 50 | <LOQ | Pass |
| Piperonyl Butoxide | 10 | 10000 | <LOQ | Pass |
| Pyrethrins | 10 | 1000 | <LOQ | Pass |
| Quintozene | 10 | 200 | <LOQ | Pass |
| Spinetoram | 10 | 1700 | <LOQ | Pass |
| Spinosad | 10 | 10000 | <LOQ | Pass |
| Spirotetramat | 10 | 10000 | <LOQ | Pass |
| Thiamethoxam | 10 | 20 | <LOQ | Pass |
| Trifloxystrobin | 10 | 11000 | <LOQ | Pass |
| Plant Growth Regulators | 10 | 50 | <LOQ | Pass |



Notes: Amended to include pesticide and residual solvent testing



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Extract Concentrate

Concentrates & Extracts, Live Resin, CO2



| Residual Solvents | | | | | Pass |
|-------------------|-----|-------|------|--------|---|
| Compound | LOQ | Limit | Mass | Status |  |
| | PPM | PPM | PPM | | |
| Butanes | 64 | 500 | <LOQ | Pass | |
| Heptanes | 64 | 500 | <LOQ | Pass | |
| Propane | 64 | 500 | <LOQ | Pass | |

Notes: Amended to include pesticide and residual solvent testing



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