



# 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

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

### 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

### 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
<b>Total THC</b>	<b>22.033</b>	<b>0.612</b>	
<b>Total CBD</b>	<b>467.712</b>	<b>12.992</b>	
<b>Total</b>	<b>515.846</b>	<b>14.329</b>	



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



4439 Polaris Ave

Las Vegas, NV

(702) 728-5180

www.dblabslv.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

# Certificate of Analysis

## 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
<b>Rapid Complete Micro</b>				
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.



# Certificate of Analysis

Powered by Confident Cannabis

**AMENDED**

## Hemplucid

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



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



**DB Labs**

4439 Polaris Ave  
Las Vegas, NV

(702) 728-5180

www.dblabslv.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



# Certificate of Analysis

Powered by Confident Cannabis

**AMENDED**

## Hemplucid

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

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



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



4439 Polaris Ave  
Las Vegas, NV

(702) 728-5180

www.dblabslv.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



# Certificate of Analysis

Powered by Confident Cannabis

AMENDED

## Hemplucid

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				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



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



4439 Polaris Ave  
Las Vegas, NV  
(702) 728-5180

www.dblabslv.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



# Certificate of Analysis

Powered by Confident Cannabis

AMENDED

## Hemplucid

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



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



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



4439 Polaris Ave  
Las Vegas, NV  
(702) 728-5180

www.dblabslv.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.