



Certificate of Analysis

Powered by Confident Cannabis

Hemplucid

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

Sample: 1905DBL0057.4302

Lot #: VB-11319-B2

Ordered: 05/06/2019; Sampled: 05/08/2019; Completed: 05/15/2019

HL-WS1500-342I

Ingestible, Tincture, CO2



Cannabinoids

4.28

% Total CBD

51.73
mg/mL

Total CBD

0.19

% Total THC

56.48
mg/mL

Total Cannabinoids

1 Unit = HL-WS1500-342I; Density = 1.21 g/mL; Serving size: 1 mL, 36.3g

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	46.071	1.269	2.060
CBCa	<LOQ	<LOQ	2.060
CBD	1552.037	42.756	2.060
CBDa	<LOQ	<LOQ	2.060
CBDV	13.035	0.359	2.060
CBDVa	<LOQ	<LOQ	2.060
CBG	14.408	0.397	2.060
CBGa	<LOQ	<LOQ	2.060
CBL	<LOQ	<LOQ	2.060
CBN	<LOQ	<LOQ	2.060
Δ8-THC	<LOQ	<LOQ	2.060
Δ9-THC	68.896	1.898	2.060
THCa	<LOQ	<LOQ	2.060
THCV	<LOQ	<LOQ	2.060
THCVa	<LOQ	<LOQ	2.060
Total THC	68.896	1.898	
Total CBD	1,552.037	42.756	
Total	1694.447	46.679	



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

Glen Marquez
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: 8324
 Date Received: 5/24/2019
 Sample Name: 30263 HL Water Soluble 1500
 Lot Number: 191351
 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.



Certificate of Analysis

Powered by Confident Cannabis

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Cannabinoids

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

Cannabinoids

53.21

% Total CBD

532.07
mg/g

Total CBD

2.29

% Total THC

582.78
mg/g

Total Cannabinoids

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	mg/g	%	mg/g
CBC	18.541	1.8541	0.060
CBCa	<LOQ	<LOQ	0.060
CBD	532.075	53.2075	0.060
CBDa	<LOQ	<LOQ	0.060
CBDV	<LOQ	<LOQ	0.060
CBDVa	<LOQ	<LOQ	0.060
CBG	7.033	0.7033	0.060
CBGa	<LOQ	<LOQ	0.060
CBL	1.620	0.1620	0.060
CBN	0.654	0.0654	0.060
Δ8-THC	<LOQ	<LOQ	0.060
Δ9-THC	22.861	2.2861	0.060
THCa	<LOQ	<LOQ	0.060
THCV	<LOQ	<LOQ	0.060
THCVa	<LOQ	<LOQ	0.060
Total THC	22.861	2.2861	
Total CBD	532.075	53.2075	
Total	582.783	58.2783	



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

Glen Marquez
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.

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/g	mg/g	%	
α -Bisabolol	0.128	2.937	0.2937	
β -Caryophyllene	0.128	2.600	0.2600	
trans-Nerolidol	0.045	1.696	0.1696	
α -Humulene	0.128	1.234	0.1234	
Guaiol	0.128	0.940	0.0940	
p-Cymene	0.128	0.452	0.0452	
Linalool	0.128	0.271	0.0271	
cis-Nerolidol	0.083	0.203	0.0203	
Caryophyllene Oxide	0.128	0.129	0.0129	
α -Pinene	0.128	<LOQ	<LOQ	
α -Terpinene	0.128	<LOQ	<LOQ	
β -Myrcene	0.128	<LOQ	<LOQ	
β -Pinene	0.128	<LOQ	<LOQ	
Camphene	0.128	<LOQ	<LOQ	
cis-Ocimene	0.083	<LOQ	<LOQ	
δ -3-Carene	0.128	<LOQ	<LOQ	
δ -Limonene	0.128	<LOQ	<LOQ	
Eucalyptol	0.128	<LOQ	<LOQ	
γ -Terpinene	0.128	<LOQ	<LOQ	
Isopulegol	0.128	<LOQ	<LOQ	
Terpinolene	0.128	<LOQ	<LOQ	
trans-Ocimene	0.045	<LOQ	<LOQ	

10.463 mg/g
Total Terpenes



Chamomile



Cinnamon



Orange



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

Glen Marquez
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

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2




Microbials Pass

Analyzed by 300.1 Plating/QPCR

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	<LOQ	Pass
Coliforms	100	1000	<LOQ	Pass
Yeast & Mold	100	10000	<LOQ	Pass

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



Foreign Matter Pass



TNC = Too Numerous to Count



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

Glen Marquez
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

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Pesticides				Pass
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

Glen Marquez
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

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ PPM	Limit PPM	Mass PPM	Status
Butanes	82	500	<LOQ	Pass
Heptane	82	500	<LOQ	Pass
Propane	82	500	<LOQ	Pass
Ethanol	82	500	<LOQ	Pass
Hexane	82	500	<LOQ	Pass



Stacy Gardalen
Quality Control

Glen Marquez
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

Hemplucid

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


Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Mycotoxins					Pass
Analyzed by 300.2 Elisa					
Mycotoxin	LOQ	Limit	Mass	Status	
Aflatoxins	4.0	20.0	<LOQ	Pass	
Ochratoxin A	2.0	20.0	<LOQ	Pass	



Stacy Gardalen
Quality Control

Glen Marquez
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

Hemplucid

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

Sample: 1906DBL0283.5959

Ordered: 06/26/2019; Sampled: 07/01/2019; Completed: 07/09/2019

CO2-YP5-12319-954F

Ingestible, Tincture, CO2



Heavy Metals					Pass
Analyzed by 300.8 ICP/MS					
Element	LOQ	Limit	Mass	Status	
	PPB	PPB	PPB		
Arsenic	62	2000	<LOQ	Pass	
Cadmium	62	820	<LOQ	Pass	
Lead	62	1200	<LOQ	Pass	
Mercury	62	400	<LOQ	Pass	



Stacy Gardalen
Quality Control

Glen Marquez
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.