



Certificate of Analysis

Powered by Confident Cannabis

Hemplucid

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

Sample: 1904DBL0197.3582

Lot #: SG-36318-B1

Ordered: 04/15/2019; Sampled: 04/17/2019; Completed: 04/24/2019

HL-SGC25-343E

Ingestible, Capsule, CO2



Cannabinoids

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

Cannabinoids

3.96

% Total CBD

25.76
mg/unit

Total CBD

0.19

% Total THC

28.06
mg/unit

Total Cannabinoids

1 Unit = HL-SGC25-343E, 0.65g; Serving size: 1 softgel

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	mg/unit	mg/g	mg/unit
CBC	0.848	1.305	0.051
CBCa	<LOQ	<LOQ	0.051
CBD	25.764	39.637	0.051
CBDa	<LOQ	<LOQ	0.051
CBDV	<LOQ	<LOQ	0.051
CBDVa	<LOQ	<LOQ	0.051
CBG	0.227	0.349	0.051
CBGa	<LOQ	<LOQ	0.051
CBL	<LOQ	<LOQ	0.051
CBN	<LOQ	<LOQ	0.051
Δ8-THC	<LOQ	<LOQ	0.051
Δ9-THC	1.224	1.883	0.051
THCa	<LOQ	<LOQ	0.051
THCV	<LOQ	<LOQ	0.051
THCVa	<LOQ	<LOQ	0.051
Total THC	1.224	1.883	
Total CBD	25.764	39.637	
Total	28.063	43.174	



Stacy Gardalen

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Quality Control

Glen Marquez

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Quality Control



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Sample Information

CTLA ID: 10086
 Date Received: 8/13/2019
 Sample Name: 30514 NTC HL CBD Softgels 25 mg
 Lot Number: 192121
 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
<i>Escherichia coli</i>	USP <2022>		Report	Negative	
<i>Salmonella</i>	USP <2022>		Report	Negative	
<i>Staphylococcus aureus</i>	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



Stacy Gardalen

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Quality Control

Kelly Zaugg

Kelly Zaugg
Quality Control



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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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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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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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