



# Certificate of Analysis

Powered by Confident Cannabis

## Hemplucid

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

Lic. #

Sample: 2001DBL0293.0970

Batch #: 1393E

Ordered: 01/20/2020; Sampled: 01/24/2020; Completed: 01/27/2020

**HL-MCT2000 LOT: 2000017**

Ingestible, Tincture, CO2



### Cannabinoids

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

### Cannabinoids

**6.81**

% Total CBD

**64.74  
mg/mL**

Total CBD

**0.22**

% Total THC

**69.66  
mg/mL**

Total Cannabinoids

### Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	mg/g	%	
CBC	1.569	0.1569	0.047
CBCa	<LOQ	<LOQ	0.047
CBD	68.080	6.8080	0.047
CBDa	<LOQ	<LOQ	0.047
CBDV	0.651	0.0651	0.047
CBDVa	<LOQ	<LOQ	0.047
CBG	0.466	0.0466	0.047
CBGa	<LOQ	<LOQ	0.047
CBL	0.162	0.0162	0.047
CBN	0.100	0.0100	0.047
Δ8-THC	<LOQ	<LOQ	0.047
Δ9-THC	2.224	0.2224	0.047
THCa	<LOQ	<LOQ	0.047
THCV	<LOQ	<LOQ	0.047
THCVa	<LOQ	<LOQ	0.047
<b>Total THC</b>	<b>2.224</b>	<b>0.2224</b>	
<b>Total CBD</b>	<b>68.080</b>	<b>6.8080</b>	
<b>Total</b>	<b>73.251</b>	<b>7.3251</b>	

Notes: Density = 0.951 g/mL; Serving size: 1 mL



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Kelly Zaugg*

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Quality Control



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# Certificate of Analysis

## Sample Information

CTLA ID: 14273  
 Date Received: 1/21/2020  
 Sample Name: HL-MCT2000 1393E - Syringe  
 Lot Number: 2000017  
 Customer: HempLucid

Analysis	Method	MDL Specification	Result	Units
<b>Complete Micro</b>				
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	
Yeast & Mold	USP <2021>	100 Report	<100	cfu/g

1/27/2020

DATE



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

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## Hemplucid

4844 N300W, #202  
Provo, UT 84604  
(385) 203-8556

Sample: 1912DBL0225.12293.R1

Lot #: CO2-YP5-31819-TW10

Ordered: 12/13/2019; Sampled: 12/16/2019; Completed: 12/30/2019; Analyzed: 12/23/2019

## HL-Concentrate-1371A

Concentrates & Extracts, Distillate, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.320%  
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.012	0.116	1.16	
α-Bisabolol	0.012	0.064	0.64	
α-Humulene	0.012	0.049	0.49	
trans-Nerolidol	0.004	0.045	0.45	
Linalool	0.012	0.024	0.24	
Guaiol	0.012	0.023	0.23	
α-Pinene	0.012	<LOQ	<LOQ	
α-Terpinene	0.012	<LOQ	<LOQ	
β-Myrcene	0.012	<LOQ	<LOQ	
β-Pinene	0.012	<LOQ	<LOQ	
Camphene	0.012	<LOQ	<LOQ	
Caryophyllene Oxide	0.012	<LOQ	<LOQ	
cis-Nerolidol	0.008	<LOQ	<LOQ	
cis-Ocimene	0.008	<LOQ	<LOQ	
δ-3-Carene	0.012	<LOQ	<LOQ	
δ-Limonene	0.012	<LOQ	<LOQ	
Eucalyptol	0.012	<LOQ	<LOQ	
γ-Terpinene	0.012	<LOQ	<LOQ	
Isopulegol	0.012	<LOQ	<LOQ	
p-Cymene	0.012	<LOQ	<LOQ	
Terpinolene	0.012	<LOQ	<LOQ	
trans-Ocimene	0.004	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



2.469%  
Total THC



54.941%  
Total CBD



NT  
Moisture: Not Tested

60.907%  
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.022	2.221	22.21	
CBCa	0.022	<LOQ	<LOQ	
CBD	0.022	54.941	549.41	
CBDa	0.022	<LOQ	<LOQ	
CBDV	0.022	0.613	6.13	
CBDVa	0.022	<LOQ	<LOQ	
CBG	0.022	0.624	6.24	
CBGa	0.022	<LOQ	<LOQ	
CBL	0.022	<LOQ	<LOQ	
CBN	0.022	0.040	0.40	
Δ8-THC	0.022	<LOQ	<LOQ	
Δ9-THC	0.022	2.469	24.69	
THCa	0.022	<LOQ	<LOQ	
THCV	0.022	<LOQ	<LOQ	
THCVa	0.022	<LOQ	<LOQ	

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

Notes: Added ethanol and hexane data for residual solvents.



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## Hemplucid

Las Vegas, NV 89103  
phil@hemplucid.com

Sample: 1912DBL0225.12293.R1

Lot #: CO2-YP5-31819-TW10

Ordered: 12/13/2019; Sampled: 12/16/2019; Completed: 12/30/2019; Analyzed: 12/23/2019

## HL-Concentrate-1371A

Concentrates & Extracts, Distillate, CO2



### Pesticides

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

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	10	100	<LOQ	Pass
Yeast & Mold	1000	1000	<LOQ	Pass

  

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

### Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	12.1	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	64	2000	<LOQ	Pass
Cadmium	64	820	<LOQ	Pass
Lead	64	1200	99	Pass
Mercury	64	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	77	500	<LOQ	Pass
Heptanes	77	500	<LOQ	Pass
Propane	77	500	<LOQ	Pass
Ethanol	77	500	<LOQ	Pass
Hexane	77	500	<LOQ	Pass



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