



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	%	
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	



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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



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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



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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



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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



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




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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	



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