



Product : Tincture 900 mg

Batches : 19F1904 - 06

Batch Release Form

Product : **Tinctures containing hemp oil distillate**

Target 900 mg \pm 20% of CBD per oz (30.0 mg/mL)

Batches : **19F1904 (unflavoured), 19F1905 (mixed berry) & 19F1906 (vanilla)**

Test	Analyte	Acceptance Criteria	Pass	Fail
Cannabinoids	CBD	30.6 mg/mL (102%% of target)	✓	
	THC	<0.3% w/w	✓	
	THC-A	<0.3% w/w	✓	
Microbiology	Escherichia coli	Not detected	✓	
	Salmonella	Not detected	✓	
	Mold	Not detected	✓	
	Yeast	Not detected	✓	
Pesticides	Targeted list	Not detected		Not tested*
Heavy metals	Arsenic As	<0.4 ppm		Not tested*
	Cadmium Cd	<0.4 ppm		Not tested*
	Lead Pb	<1 ppm		Not tested*
	Mercury Hg	<0.2 ppm		Not tested*
Residual solvents	Benzene	<2 ppm		Not tested*
	Heptane	<500 ppm		Not tested*
	Hexane	<10 ppm		Not tested*
	Methanol	<3000 ppm		Not tested*
	Toluene	<5 ppm		Not tested*
	Total Xylenes	<5 ppm		Not tested*

**Product not tested for these analytes, but major component(s) in formulation demonstrated to be free of contamination*

Batch is acceptable and released

Batch is not acceptable and will not be released



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CERTIFICATE OF ANALYSIS

prepared for: PANACEA LIFE SCIENCES
385 SOUTH PIERCE AVE.
LOUISVILLE, CO 80027

19F1902-900

Table with 4 columns: Field (Batch ID, Reported, Type, Test), Value (N/A, 26-Jun-2019, Concentrate, Potency), Test ID (1121778.0013), Method (TM14)

CANNABINOID PROFILE

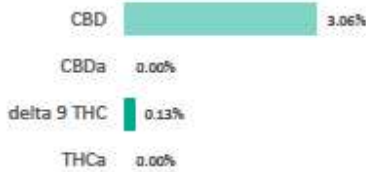
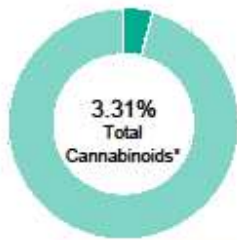


Table with 4 columns: Compound, LOG (%), Result (%), Result (mg/g). Lists various cannabinoids and their concentrations.

NOTES: N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** Total Potential THCCBD is calculated using the following formulae to take into account the loss of a carboxyl group during decarboxylation step.
Total THC = THC + (THCa * 0.877) and Total CBD = CBD + (CBDa * 0.877)

FINAL APPROVAL

Signature of Daniel Weidensaul, 26-Jun-2019 1:40 PM

Signature of David Green, 26-Jun-2019 2:21 PM

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC... IAC-MBA ACCREDITED Certificate #4329.02