Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

11119 SE Division St., Portland, OR 97266 (503) 307-0096

1000 mg Tincture

Lab ID: 1904057-03

Simple Beverage

METRC Batch ID:

Date Sampled: 04/11/19
Date Printed: 04/16/19

Report cannot be used for OLCC/OHA compliance.

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 - SOP 19 and 20

Cannabinoids	mg/g	Notes
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
CBGA	< LOQ	
CBDA	< LOQ	
CBD	35.1	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	

Total THC
< LOQ mg/g

Total CBD
35.1 mg/g

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = *bioactive*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)

Harrison Cassady
Lab Director

Rose City LABORATORIES

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Simple Beverage

Laboratory ID: 1904057-03

Quality Control

Potency

Batch: B19D054 - Potency

Blank(B19D054-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
delta 9-THC	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBGA	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBDA	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBD	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBN	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBG	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
delta 8-THC	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	
CBC	< LOQ	0.0956	mg/g		04/11/19 19:47	04/12/19 03:29	

LCS(B19D054-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	88.7	0.0966	mg/g	85-120	04/11/19 19:47	04/12/19 03:43	
delta 9-THC	92.0	0.0966	mg/g	85-120	04/11/19 19:47	04/12/19 03:43	
CBDA	104	0.0966	mg/g	85-115	04/11/19 19:47	04/12/19 03:43	
CBD	102	0.0966	mg/g	85-115	04/11/19 19:47	04/12/19 03:43	

Notes and Definitions

B Analyte detected in method blank, but not associated samples.
B2 Analyte detected in sample and associate methold blank.
C Interference due to co-elution.
D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
H Non-homogenous samle matrix affecting RPD and/or QC.
I Manual Integration was performed.
L Duplicate sample relative precent difference (RPD) exceeds QC limits.
M Anomalous results due to matrix interference
P Peaks manually split.
Q1 QC out of limits but still oK
Q2 Quality Control outside QC limits. Data considered estimate.
Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
R Marginal Exceedence.
U Reported result is an estimate. The analyte was detected above the calibration range.
X Problems with initial analysis, reported data are from reinjection of prepared sample.
<LOQ - Results below the Limit of Quantitation - Compound not detected

Harrison Cassady
Lab Director