

Elektra 2018 S.P.

Lab ID: 1901076-01

Whole Circle Farms

METRC Batch ID:

Date Sampled: 01/14/19

Date Printed: 01/16/19

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 (% weight)		Moisture Adjusted	Notes
THCA	0.673	0.752	
delta 9-THC	0.0724	0.0810	
delta 8-THC	< LOQ	< LOQ	
CBGA	0.622	0.696	
CBDA	22.3	24.9	
CBD	1.11	1.24	
CBN	< LOQ	< LOQ	
CBG	< LOQ	< LOQ	
CBC	0.104	0.116	

Total THC
0.741 %

Total CBD
23.1 %

<LOQ - Results below the Limit of Quantitation

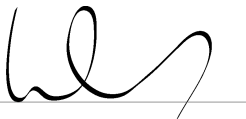
Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = *bioactive*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = $[(THCA \times 0.877) + \Delta 9THC] / (100\% - MC)$

Moisture

Analysis Method/SOP: SOP 7

Moisture: 10.6 %



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Lab Director

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Quality Control Potency

Batch: B19A083 - Potency

Blank(B19A083-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
delta 9-THC	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBGA	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBDA	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBD	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBN	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBG	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
delta 8-THC	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	
CBC	< LOQ	0.100	%		01/15/19 17:26	01/15/19 22:32	

LCS(B19A083-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	112	0.100	%	85-115	01/15/19 17:26	01/15/19 22:44	
delta 9-THC	105	0.100	%	85-115	01/15/19 17:26	01/15/19 22:44	
CBDA	103	0.100	%	85-115	01/15/19 17:26	01/15/19 22:44	
CBD	100	0.100	%	85-115	01/15/19 17:26	01/15/19 22:44	

Moisture Content

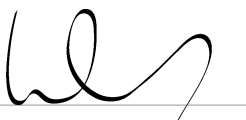
Batch: B19A080 - Moisture Content

Blank(B19A080-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.0800	0.00	%		01/15/19 19:04	01/15/19 19:04	

LCS(B19A080-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	81.4	0.00	%	70-130	01/15/19 19:04	01/15/19 19:04	



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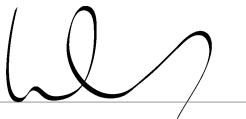
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Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associate method 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 sample matrix affecting RPD and/or QC.
 - I Manual Integration was performed.
 - L Duplicate sample relative percent 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



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