

T2-A

Lab ID: 1911025-01

Organic Green Roots

METRC Batch ID:

Date Sampled: 11/05/19

Date Printed: 11/6/19

Report cannot be used for OLCC/OHA compliance.

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 - SOP 102

Cannabinoids (% weight)		Moisture Adjusted	LOQ
THCA	0.301	0.332	0.0806
delta 9-THC	< LOQ	< LOQ	0.0806
delta 8-THC	< LOQ	< LOQ	0.0806
CBGA	0.184	0.203	0.0806
CBDA	10.7	11.8	0.0806
CBD	0.211	0.232	0.0806
CBN	< LOQ	< LOQ	0.0806
CBG	< LOQ	< LOQ	0.0806
CBC	< LOQ	< LOQ	0.0806

Total THC
0.291 %

Total CBD
10.5 %

<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)

Moisture

Analysis Method/SOP: SOP 7

Moisture: 9.25 %

Erik Werstler
Lab Director

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Quality Control Potency

Batch: B19K020 - Potency

Blank(B19K020-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
delta 9-THC	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBGA	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBDA	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBD	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBN	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBG	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
delta 8-THC	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	
CBC	< LOQ	0.0741	%		11/05/19 15:38	11/05/19 18:41	

LCS(B19K020-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	95.9	0.0746	%	85-115	11/05/19 15:38	11/05/19 18:54	
delta 9-THC	110	0.0746	%	85-115	11/05/19 15:38	11/05/19 18:54	
CBDA	99.2	0.0746	%	85-115	11/05/19 15:38	11/05/19 18:54	
CBD	107	0.0746	%	85-115	11/05/19 15:38	11/05/19 18:54	



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Quality Control Moisture Content

Batch: B19K026 - Moisture Content

Blank(B19K026-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.200	0.00	%		11/06/19 17:04	11/06/19 17:04	

LCS(B19K026-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	1760	0.00	%	70-130	11/06/19 17:04	11/06/19 17:04	

LCS Dup(B19K026-BSD1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture		0.00	%	70-130	11/06/19 17:04	11/06/19 17:04	

LCS Dup(B19K026-BSD2)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture		0.00	%	70-130	11/06/19 17:04	11/06/19 17:04	

LCS Dup(B19K026-BSD3)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture		0.00	%	70-130	11/06/19 17:04	11/06/19 17:04	

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



Erik Werstler
Lab Director