

CBG EXTRACT (FS)

Lab ID: 2403156-02

Organic Green Roots

METRC Batch ID:

Date Sampled: 03/21/24

Date Printed: 03/28/24

Report cannot be used for OLCC/OHA compliance.

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	%	LOQ	Notes
THCA	< LOQ	0.146	
delta 9-THC	0.368	0.146	
delta 8-THC	< LOQ	0.146	
CBDA	< LOQ	0.218	
CBDVA	< LOQ	0.146	
CBGA	0.253	0.146	
CBD	1.87	0.146	
CBDV	0.162	0.146	
CBG	53.3	0.146	
CBN	< LOQ	0.146	
CBC	3.63	0.146	
Total CBG	53.5	0.146	
Total Cannabinoids	59.5	0.146	

Total THC
0.368 %

Total CBD
1.87 %

Results that fail state testing requirements will be highlighted Red.

<LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

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)**

Chris Griffey
Lab Director



Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs. Unless otherwise indicated, all analytes included on this report are accredited by ORELAP.

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Quality Control Potency

Batch: B24C186 - Potency

Blank(B24C186-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
delta 9-THC	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBGA	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBDA	< LOQ	0.200	%		03/21/24 21:49	03/25/24 20:05	
CBD	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBN	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBG	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
delta 8-THC	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBC	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
Total CBG	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBDVA	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	
CBDV	< LOQ	0.133	%		03/21/24 21:49	03/25/24 20:05	

LCS(B24C186-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0342	%	90-110	03/21/24 21:49	03/25/24 20:20	
delta 9-THC	106	0.0342	%	90-110	03/21/24 21:49	03/25/24 20:20	
CBDA	101	0.0512	%	90-110	03/21/24 21:49	03/25/24 20:20	
CBD	101	0.0342	%	90-110	03/21/24 21:49	03/25/24 20:20	
delta 8-THC	102	0.0342	%	90-110	03/21/24 21:49	03/25/24 20:20	

Chris Griffey
Lab Director



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Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associated 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

Chris Griffey
Lab Director

