

Certificate of Analysis

Company: Rebel East LLC 190 Griggs Road Craftbury, VT 05826 Customer ID: 220927-3 Grower License #: CLTV0049	Sample ID: Rebel Cookies Lot: CLTV0049-232-0 Matrix: Flower Date Sampled: N/A Date Received: 2/23/2024	Report Date: 3/1/2024 Date Analyzed: 2/28/2024 Analyst: 057 Report ID: C240223AX
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Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	2.23	0.22
CBGA	0.0008	5.16	0.52
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	8.88	0.89
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	275.10	27.51
CBC	0.0024	<LOQ	<LOQ
Total THC		250.14	25.01
Total CBD		1.95	0.20
Total Cannabinoids		291.37	29.14

25.01%

Total THC

0.2%

Total CBD

29.14%

 Total
Cannabinoids

0.89%

Δ9-THC

12.75%

 Percent
Moisture

1 : 0

 THC : CBD
Ratio


Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

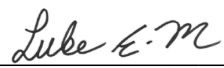
Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.

Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Matrix: Flower
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Date Received: 2/23/2024

Report Date: 3/1/2024
Date Analyzed: 2/26/2024
Analyst: 052
Report ID: C240223AX

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5081



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Report ID: C240223AX

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	0.577	0.058
Camphene	0.010	0.120	0.012
β -Myrcene	0.010	2.051	0.205
b-Pinene	0.010	0.976	0.098
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	4.993	0.499
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	2.864	0.286
Eucalyptol	0.010	0.018	0.002
γ -Terpinene	0.010	<LOQ	<LOQ
Terpinolene	0.010	0.094	0.009
Linalool	0.010	1.492	0.149
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	0.036	0.004
Caryophyllene	0.010	6.411	0.641
α -Humulene	0.010	3.153	0.315
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.084	0.008
α -Bisabolol	0.010	0.020	0.002
Total Terpenes		22.889	2.288

12.75%

 Percent
Moisture

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

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Date Analyzed: 2/29/2024
Analyst: 018
Report ID: C240223AX

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	< LOD
STEC	STEC Virx AOAC PTM No. 121203	5	< LOD
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	< LOD



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

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