

Total THC

Total CBD

Total Cannabinoids

Report Date: 12/8/2023 Date Analyzed: 12/7/2023

Analyst: 011

Report ID: C231117AS

Company: Rebel East LLC			Sample ID: MAC1			
				Lot:	HL-CLTV0049-2	231-0
			Matrix: Flower			
Customer ID: 220927-3			Date Sampled: N/A			
Gr	ower License #:	CLTV0049	Date Received: 11/17/2023			
Cannabinoid Summary						
	Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)		22
	CBDVA	0.0005	<loq< th=""><th><loq< th=""><th></th><th>То</th></loq<></th></loq<>	<loq< th=""><th></th><th>То</th></loq<>		То
	CBDV	0.0012	<loq< th=""><th><loq< th=""><th></th><th>10</th></loq<></th></loq<>	<loq< th=""><th></th><th>10</th></loq<>		10
	CBDA	0.0008	1.46	0.15		
	CBGA	0.0008	23.67	2.37		
	CBG	0.0019	0.55	0.06		27
	CBD	0.0019	<loq< th=""><th><loq< th=""><th></th><th>Ζ.</th></loq<></th></loq<>	<loq< th=""><th></th><th>Ζ.</th></loq<>		Ζ.
	тнсv	0.0021	<loq< th=""><th><loq< th=""><th></th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th></th></loq<>		
	CBN	0.0013	<loq< th=""><th><loq< th=""><th></th><th>Canr</th></loq<></th></loq<>	<loq< th=""><th></th><th>Canr</th></loq<>		Canr
	Δ9-ТНС	0.0020	1.21	0.12		
	Δ8-THC	0.0019	<loq< th=""><th><loq< th=""><th></th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th></th></loq<>		
	THC-A	0.0034	249.99	25.00		10
	CBC	0.0024	0.64	0.06		1(

220.45

1.28

277.52

22.04

0.13

27.75

**Certificate of Analysis** 

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR<sup>™</sup> 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) +  $\Delta$ 9-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.  $\Delta$ 9-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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22.04%	0.13%
Total THC	Total CBD
27.75%	0.12%
Total Cannabinoids	Δ9-ΤΗϹ
10.71%	1:0
Percent	THC : CBD
Moisture	Ratio



Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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## Certificate of Analysis

Company: Rebel East LLC

Customer ID: 220927-3 Grower License #: CLTV0049 Sample ID: MAC1 Lot: CLTV0049-231-1 Matrix: Flower Date Sampled: N/A Date Received: 11/17/2023

Report Date: 12/8/2023 Date Analyzed: 12/6/2023 Analyst: 052 Report ID: C231117AS

## Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4016



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

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