

Certificate of Analysis

Company: Sunset Lake CBD	Sample ID: Lifter Kief Batch 1	Report Date: 3/5/2021
25 Brewer Pkwy	Lot: NA	Date Analyzed: 3/4/2021
South Burlington, VT 05403	Matrix: Concentrate	Analyst: SCG
Customer ID: 201019-0	Date Sampled: NA	Report ID: C210302AA
Grower License #: NA	Date Received: 3/2/2021	

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	2.05	0.20
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	290.87	29.09
CBGA	0.0008	5.64	0.56
CBG	0.0019	1.15	0.11
CBD	0.0019	13.12	1.31
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.72	0.17
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	8.56	0.86
CBC	0.0024	1.54	0.15
Total THC		9.23	0.92
Total CBD		268.21	26.82
Total Cannabinoids		324.64	32.46

0.92%

Total THC

26.82%

Total CBD

32.46%

Total Cannabinoids

0.17%

Δ9-THC

7.69%

Percent Moisture

1 : 29.1

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC} \quad \text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD}$$

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.



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