**Report Date: 2/23/2023** 

Date Analyzed: 2/23/2023

Analyst: 011

Report ID: C230216AM



## Certificate of Analysis

Company:	Clovis LLC
company.	CIUVIS LLC

506 Marcoux Road

Morrisville, VT 05655

Customer ID: 221031-3

Grower License #: CLTV0099

Sample ID: SM Lot: 0099-001-001 Matrix: Flower Date Sampled: 1/18/2023 Date Received: 2/16/2023

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	0.80	0.08
CBGA	0.0008	29.61	2.96
CBG	0.0019	4.46	0.45
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
тнсv	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ТНС	0.0020	57.24	5.72
Δ8-THC	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	91.44	9.14
CBC	0.0024	1.24	0.12
Total THC		137.44	13.74
Total CBD		0.70	0.07
Total Cannabinoids		184.80	18.48

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) +  $\Delta$ 9-THC 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.

 $\label{eq:measurement} \begin{array}{ll} \mbox{Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. \\ \mbox{$\Delta9$-THC MU = $\pm 0.005\%$} Total THC MU = $\pm 0.007\%$}$ 

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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13.74%	0.07%
Total THC	Total CBD
18.48%	5.72%
Total Cannabinoids	Δ9-ТНС
8.25%	1:0
Percent Moisture	THC : CBD Ratio



Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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