



Certificate of Analysis

Company: Lamoille Valley Extraction
Solutions DBA, Zen Valley CBD
966 Stagecoach Rd
Morrisville, VT 05661

Sample ID: 600MG Salve Batch: 22

Lot: 100101

Report Date: 10/26/2020

Matrix: Other

Date Analyzed: 10/19/2020

Customer ID: 200210-1

Date Sampled: NA

Analyst: CDB

Grower License #: NA

Date Received: 10/14/2020

Report ID: C201014AD

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	0.21	0.02
CBDA	0.0008	1.97	0.20
CBGA	0.0008	0.07	0.01
CBG	0.0019	0.41	0.04
CBD	0.0019	20.81	2.08
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	0.05	0.01
Δ9-THC	0.0020	0.73	0.07
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	1.14	0.11
Total THC		0.73	0.07
Total CBD		22.53	2.25
Total Cannabinoids		25.39	2.54

0.07%
Total THC

2.25%
Total CBD

2.54%
Total Cannabinoids

0.07%
Δ9-THC

N/A
Percent Moisture

1 : 30.7
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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