

## Certificate of Analysis

<b>Company:</b> Lamoille Valley Extraction Solutions DBA, Zen Valley CBD 966 Stagecoach Rd Morrisville, VT 05661  <b>Customer ID:</b> 200210-1  <b>Grower License #:</b> NA	<b>Sample ID:</b> Pumpkin Bar Soap Batch: 23  <b>Lot:</b> 100101 <b>Matrix:</b> Other  <b>Date Sampled:</b> NA <b>Date Received:</b> 10/14/2020	<b>Report Date:</b> 10/26/2020 <b>Date Analyzed:</b> 10/22/2020  <b>Analyst:</b> CDB <b>Report ID:</b> C201014AE
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### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	1.71	0.17
CBDV	0.0012	0.05	0.01
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	0.22	0.02
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	0.06	0.01
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	0.06	0.01
<b>Total THC</b>		0.06	0.01
<b>Total CBD</b>		0.22	0.02
<b>Total Cannabinoids</b>		2.10	0.21

0.01%

**Total THC**

0.02%

**Total CBD**

0.21%

**Total Cannabinoids**

0.01%

**Δ9-THC**

N/A

**Percent Moisture**

1 : 3.6

**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.

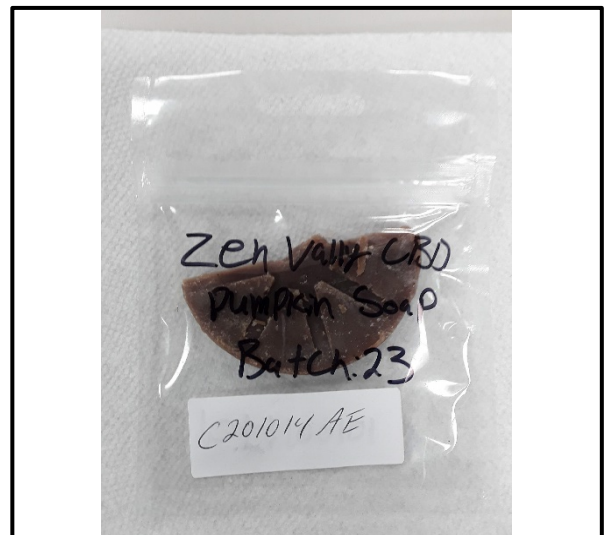
These values are calculated as follows:

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.



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