



## Certificate of Analysis

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

**Sample ID:** Cedarwood Bar Soap Batch: 24

**Lot:** 100101

**Report Date:** 10/26/2020

**Matrix:** Other

**Date Analyzed:** 10/22/2020

**Customer ID:** 200210-1

**Date Sampled:** NA

**Analyst:** CDB

**Grower License #:** NA

**Date Received:** 10/14/2020

**Report ID:** C201014AF

### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	0.29	0.03
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	<LOQ	<LOQ
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	0.08	0.01
<b>Total THC</b>		<LOQ	<LOQ
<b>Total CBD</b>		0.29	0.03
<b>Total Cannabinoids</b>		0.37	0.04

<LOQ  
**Total THC**

0.03%  
**Total CBD**

0.04%  
**Total Cannabinoids**

<LOQ  
**Δ9-THC**

N/A  
**Percent Moisture**

N/A  
**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.

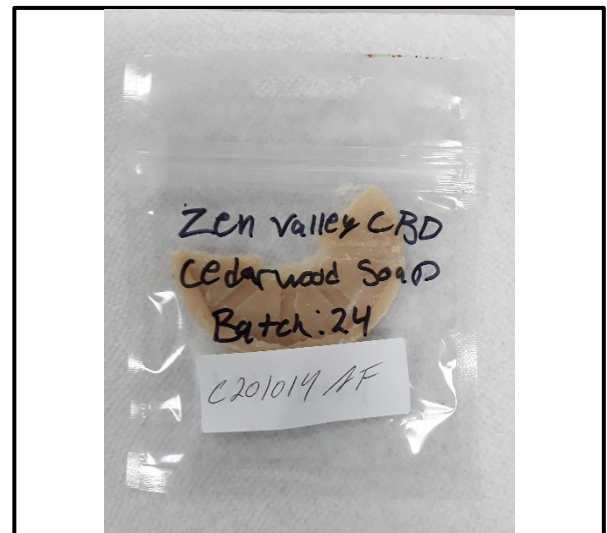
These values are calculated as follows:

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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