



CERTIFICATE OF ANALYSIS

Company: Lamoille Valley Extraction
Solutions DBA Zen Valley CBD
540 Harrel St
Morrisville, VT 05661

Customer ID: 200210-1
Date Received: 07/20/20
Report Date: 07/24/20

Sample ID: 100108 Batch 19 Soap
Lot Number: 100108 Batch 19
Matrix: Other

Analyst: SCG
Analyzed: 07/22/20
Report ID: C200720AD

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	0.16	0.02
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	0.28	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	<LOQ	<LOQ
Total THC		<LOQ	<LOQ
Total CBD		0.28	0.03
Total Cannabinoids		0.44	0.04

<LOQ
Total THC

0.03%
Total CBD

0.04%
Total
Cannabinoids

<LOQ
Δ9-THC

NA
Percent
Moisture

NA
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

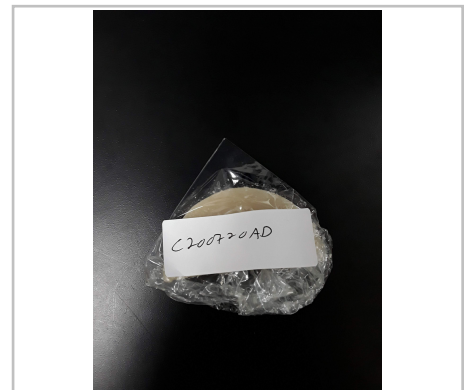
Total CBD = (CBDA x 0.877) + CBD

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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