

(5A)

**Certificate of Analysis**

Company: VVS Labs

Sample ID: Mimosa x Orange Punch

Lot: N/A

Report Date: 4/4/2023

Matrix: Flower

Date Analyzed: 3/31/2023

Customer ID: 2

Date Sampled: N/A

Analyst: 011

Grower License #: 1006

Date Received: 3/27/2023

Report ID: C230327AD

**Cannabinoid Summary**

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.64	0.06
CBGA	0.0008	2.98	0.30
CBG	0.0019	0.43	0.04
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.68	0.17
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	148.35	14.83
CBC	0.0024	<LOQ	<LOQ
<b>Total THC</b>		<b>131.78</b>	<b>13.18</b>
<b>Total CBD</b>		<b>0.56</b>	<b>0.06</b>
<b>Total Cannabinoids</b>		<b>154.08</b>	<b>15.41</b>

13.18%  
Total THC

0.06%  
Total CBD

15.41%  
Total Cannabinoids

0.17%  
Δ9-THC

15.12%  
Percent Moisture

1 : 0  
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 × 0.877) + Δ9-THC      Total CBD = (CBDA × 0.877) + CBD  
Ratio of Total CBD: Total THC      Reagent Blanks: < LOQ for all analysis

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.

**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.

Δ9-THC MU = ±0.005%      Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model M500 Moisture Content Readers.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Analyst: Luke E. M.  
Luke Emerson Mason (Laboratory Director, Bio Diagnostics)