

## White Mocha

 Sample ID: BIA250121S0007  
 Strain: 5020-2

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 6.18 g  
 Lot#:

 Produced:  
 Collected:  
 Received: 01/22/2025  
 Completed: 01/30/2025  
 Batch#:

 Client  
**Emerald Visions**  
 Lic. # CLTV0238  
 2348 Vt Rt 78  
 Alburgh, VT 05440


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	01/23/2025	Complete
Moisture	01/22/2025	5.30% - Complete
Water Activity	01/22/2025	0.048 aw - Complete
Microbials	01/30/2025	Complete

### Cannabinoids

Completed

23.56%		0.07%		27.74%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.08	0.8		
CBGa	0.0008	0.73	7.3		
CBG	0.0019	0.13	1.3		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.49	4.9		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	26.30	263.0		
<b>Total THC</b>		<b>23.56</b>	<b>235.60</b>		
<b>Total CBD</b>		<b>0.07</b>	<b>0.72</b>		
<b>Total</b>		<b>27.74</b>	<b>277.40</b>	<b>0.00</b>	

Analyst: 052

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; 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 (&lt;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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason  
 Laboratory Director  
 01/30/2025

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## Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes



Luke Emerson-Mason  
Laboratory Director  
01/30/2025

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