

## Planet Sherb Brick Hash

 Sample ID: BIA241015S0004  
 Strain: MANU0004-209

 Matrix: Concentrates & Extracts  
 Type: Hash - Ice Water  
 Sample Size: 1 g  
 Lot#:

 Produced:  
 Collected:  
 Received: 10/17/2024  
 Completed: 10/24/2024  
 Batch#: MANU0004-209

 Client  
**The Cannabis Collective**  
 Lic. # MANU0004  
 76 Stafford Avenue  
 Morrisville, VT 05661


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/22/2024	Complete
Terpenes	10/22/2024	Complete
Microbials	10/24/2024	Complete

### Cannabinoids

Completed

<b>60.43%</b> Total THC	<b>0.17%</b> Total CBD	<b>73.00%</b> Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/mL	mg/container
CBDVa	0.0001	<LOQ	<LOQ		
CBDV	0.0001	<LOQ	<LOQ		
CBDa	0.0001	0.20	2.0		
CBGa	0.0001	3.66	36.6		
CBG	0.0002	0.43	4.3		
CBD	0.0002	<LOQ	<LOQ		
THCV	0.0002	<LOQ	<LOQ		
CBN	0.0001	<LOQ	<LOQ		
Δ9-THC	0.0002	1.43	14.3		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	<LOQ	<LOQ		
THCa	0.0003	67.28	672.8		
<b>Total THC</b>		<b>60.43</b>	<b>604.33</b>		
<b>Total CBD</b>		<b>0.17</b>	<b>1.74</b>		
<b>Total</b>		<b>73.00</b>	<b>729.97</b>	<b>0.00</b>	<b>0.00</b>

Analyst: 056

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  
 10/24/2024

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[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
 (866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)




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### Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	10.290	1.029
Ocimene	0.010	5.230	0.523
$\beta$ -Myrcene	0.010	3.676	0.368
$\beta$ -Pinene	0.010	2.988	0.299
$\beta$ -Caryophyllene	0.010	2.092	0.209
$\alpha$ -Pinene	0.010	1.804	0.180
Linalool	0.010	1.415	0.142
$\alpha$ -Humulene	0.010	0.714	0.071
Camphene	0.010	0.348	0.035
Terpinolene	0.010	0.224	0.022
Eucalyptol	0.010	0.144	0.014
$\gamma$ -Terpinene	0.010	0.063	0.006
Geraniol	0.010	0.050	0.005
$\alpha$ -Terpinene	0.010	0.037	0.004
3-Carene	0.010	0.015	0.001
$\alpha$ -Bisabolol	0.010	0.011	0.001
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>29.100</b>	<b>2.910</b>

### Primary Aromas



Orange



Earthy



Hops



Pine



Cinnamon

Analyst: 045

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.



*Luke E-M*

Luke Emerson-Mason  
Laboratory Director  
10/24/2024

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## Pathogens

Completed

Pathogens	LOD CFU/g	Results 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  
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