

Lemon Stomper

 Sample ID: BIA250320S0010
 Strain: Lemon Stomper

 Produced:
 Collected:
 Received: 03/20/2025
 Completed: 03/27/2025
 Batch#:

 Client
PermaGanix

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6.05 g
 Lot#: HL11


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/21/2025	Complete
Moisture	03/21/2025	10.30% - Complete
Water Activity	03/21/2025	0.563 aw - Complete
Terpenes	03/24/2025	Complete
Microbials	03/27/2025	Complete

Cannabinoids

Completed

24.37% Total THC	0.08% Total CBD	29.61% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.09	0.9	
CBGa	0.0008	1.70	17.0	
CBG	0.0019	0.12	1.2	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.60	6.0	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	27.10	271.0	
Total THC		24.37	243.67	
Total CBD		0.08	0.75	
Total		29.61	296.11	0.00

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: < 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.

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
 03/27/2025

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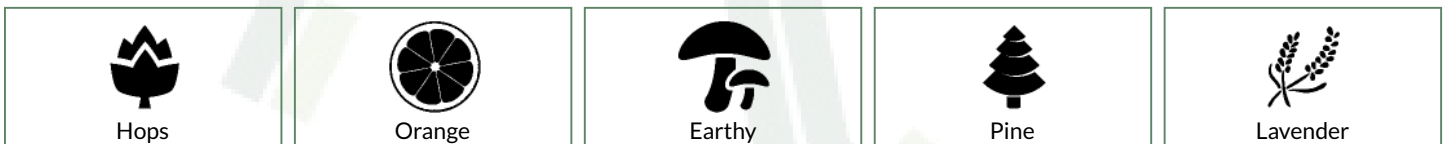
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	3.264	0.326
Limonene	0.010	3.057	0.306
Ocimene	0.010	2.676	0.268
β-Pinene	0.010	1.849	0.185
Linalool	0.010	1.585	0.159
α-Pinene	0.010	1.234	0.123
β-Caryophyllene	0.010	1.078	0.108
3-Carene	0.010	0.822	0.082
α-Humulene	0.010	0.402	0.040
α-Terpinene	0.010	0.289	0.029
γ-Terpinene	0.010	0.249	0.025
α-Bisabolol	0.010	0.106	0.011
Camphene	0.010	0.075	0.008
Eucalyptol	0.010	0.055	0.005
Geraniol	0.010	0.027	0.003
Caryophyllene Oxide	0.010	0.022	0.002
cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
Terpinolene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		16.791	1.679

Primary Aromas



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.

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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: 049

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




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