

WTC X GMO

 Sample ID: BIA240815S0003
 Strain: White Tahoe X GMO

 Produced:
 Collected:
 Received: 08/15/2024
 Completed: 08/22/2024
 Batch#: 3

 Client
PermaGanix

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6.23 g
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/16/2024	Complete
Moisture	08/15/2024	12.30% - Complete
Water Activity	08/15/2024	0.611 aw - Complete
Terpenes	08/16/2024	Complete
Microbials	08/22/2024	Complete

Cannabinoids

Completed

23.45% Total THC	0.07% Total CBD	29.27% 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	2.38	23.8	
CBG	0.0019	0.06	0.6	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.29	2.9	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	0.04	0.4	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	26.41	264.1	
Total THC		23.45	234.51	
Total CBD		0.07	0.72	
Total		29.27	292.72	0.00

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: < 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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




 Luke Emerson-Mason
 Laboratory Director
 08/22/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


WTC X GMO

 Sample ID: BIA240815S0003
 Strain: White Tahoe X GMO

 Produced:
 Collected:
 Received: 08/15/2024
 Completed: 08/22/2024
 Batch#: 3

 Client
 PermaGanix

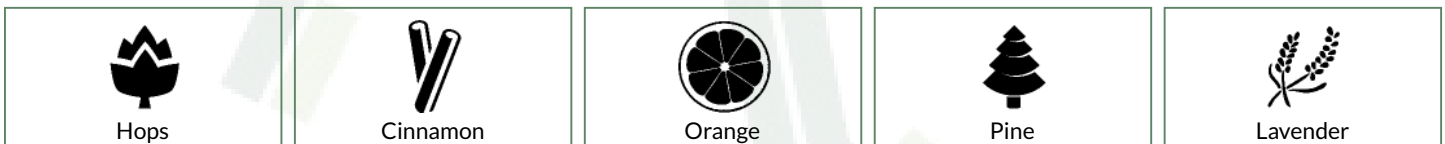
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6.23 g
 Lot#:

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	11.919	1.192
β-Caryophyllene	0.010	10.230	1.023
Limonene	0.010	6.747	0.675
α-Humulene	0.010	4.470	0.447
β-Pinene	0.010	2.438	0.244
α-Pinene	0.010	1.313	0.131
Linalool	0.010	0.879	0.088
Terpinolene	0.010	0.296	0.030
Camphene	0.010	0.191	0.019
α-Bisabolol	0.010	0.073	0.007
γ-Terpinene	0.010	0.029	0.003
Eucalyptol	0.010	0.027	0.003
Caryophyllene Oxide	0.010	0.015	0.002
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		38.626	3.863

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.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




 Luke Emerson-Mason
 Laboratory Director
 08/22/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


WTC X GMO

 Sample ID: BIA240815S0003
 Strain: White Tahoe X GMO

 Produced:
 Collected:
 Received: 08/15/2024
 Completed: 08/22/2024
 Batch#: 3

 Client
PermaGanix

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6.23 g
 Lot#:

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
 08/22/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com
