

Bip City HL17

 Sample ID: BIA250807S0009
 Strain: Bip City

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6 g
 Lot#: HL17

 Produced:
 Collected:
 Received: 08/07/2025
 Completed: 08/14/2025
 Batch#:

 Client
PermaGanix


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/11/2025	Complete
Moisture	08/08/2025	11.20% - Complete
Water Activity	08/08/2025	0.573 aw - Complete
Microbials	08/14/2025	Complete

Cannabinoids

Completed

18.41% Total THC				ND Total CBD				21.52% Total Cannabinoids			
Analyte	LOQ	Results	Mass	Analyte	LOQ	Results	Mass	Analyte	LOQ	Results	Mass
	mg/g	%	mg/g		mg/g	%	mg/g		mg/g	%	mg/g
CBDVa	0.0003	<LOQ	<LOQ	CBCVa	0.0003	<LOQ	<LOQ				
CBDV	0.0003	<LOQ	<LOQ	CBNa	0.0003	<LOQ	<LOQ				
CBDa	0.0005	<LOQ	<LOQ	Δ9-THC	0.0005	0.36	3.6				
CBGa	0.0005	0.29	2.9	Δ8-THC	0.0003	<LOQ	<LOQ				
CBG	0.0005	<LOQ	<LOQ	Δ10-THC*	0.0002	<LOQ	<LOQ				
CBD	0.0005	<LOQ	<LOQ	CBL	0.0005	<LOQ	<LOQ				
THCV	0.0003	<LOQ	<LOQ	CBC	0.0003	<LOQ	<LOQ				
CBLV	0.0003	<LOQ	<LOQ	THCa	0.0005	20.57	205.7				
CBCV	0.0003	<LOQ	<LOQ	CBCa	0.0006	0.18	1.8				
THCVA	0.0003	0.12	1.2	CBLa	0.0005	<LOQ	<LOQ				
CBN	0.0005	<LOQ	<LOQ	Total THC		18.41	184.06				
				Total CBD		ND	ND				
				Total		21.52	215.23				ND 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).

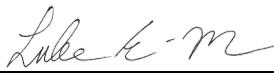
All results reflect dry weight of material, based on % moisture of the sample.

 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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ $\text{Total THC MU} = \pm 0.007\%$

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.

*The result is the sum of delta-10 isomers.

 Luke Emerson-Mason
 Laboratory Director
 08/14/2025

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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




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