

## The Gel Infused Pre Roll

 Sample ID: BIA250211S0006  
 Strain: The Gel

 Produced:  
 Collected:  
 Received: 02/11/2025  
 Completed: 02/18/2025  
 Batch#: MANU0002-173

 Client  
**Family Tree Hemp Company**

 Matrix: Plant  
 Type: Enhanced/Infused Preroll  
 Sample Size: 2 units  
 Lot#:


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/17/2025	Complete
Moisture	02/12/2025	6.50% - Complete
Water Activity	02/12/2025	0.202 aw - Complete

### Cannabinoids

Completed

<b>41.71%</b> Total THC	<b>0.10%</b> Total CBD	<b>50.18%</b> Total Cannabinoids
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Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDVa	0.0001	0.06	0.6
CBDV	0.0001	<LOQ	<LOQ
CBDa	0.0001	0.11	1.1
CBGa	0.0001	2.75	27.5
CBG	0.0002	0.20	2.0
CBD	0.0002	<LOQ	<LOQ
THCV	0.0002	0.03	0.3
CBN	0.0001	<LOQ	<LOQ
Δ9-THC	0.0002	4.39	43.9
Δ8-THC	0.0002	<LOQ	<LOQ
Δ10-THC	0.0000	<LOQ	<LOQ
CBC	0.0002	0.09	0.9
THCa	0.0003	42.55	425.5
<b>Total THC</b>		<b>41.71</b>	<b>417.06</b>
<b>Total CBD</b>		<b>0.10</b>	<b>0.99</b>
<b>Total</b>		<b>50.18</b>	<b>501.79</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  
 02/18/2025

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