

## KKC Infused Pre Roll-01

 Sample ID: BIA240912S0028  
 Strain: Kingdom Kush Cake manu0026

 Produced:  
 Collected:  
 Received: 09/13/2024  
 Completed: 09/25/2024  
 Batch#:

 Client  
 Kingdom Canna

 Matrix: Plant  
 Type: Enhanced/Infused Preroll  
 Sample Size: 3 units  
 Lot#:


### Summary

| Test           | Date Tested | Result              |
|----------------|-------------|---------------------|
| Sample         |             | Complete            |
| Cannabinoids   | 09/17/2024  | Complete            |
| Moisture       | 09/16/2024  | 8.90% - Complete    |
| Water Activity | 09/16/2024  | 0.418 aw - Complete |
| Terpenes       | 09/16/2024  | Complete            |

### Cannabinoids

Completed

|                            |                           |                                     |
|----------------------------|---------------------------|-------------------------------------|
| <b>36.50%</b><br>Total THC | <b>0.40%</b><br>Total CBD | <b>40.80%</b><br>Total Cannabinoids |
|----------------------------|---------------------------|-------------------------------------|

| Analyte          | LOQ<br>% | Mass<br>%    | Mass<br>mg/g  |
|------------------|----------|--------------|---------------|
| CBDVa            | 0.0001   | <LOQ         | <LOQ          |
| CBDV             | 0.0001   | <LOQ         | <LOQ          |
| CBDA             | 0.0001   | 0.27         | 2.7           |
| CBGa             | 0.0001   | 0.86         | 8.6           |
| CBG              | 0.0002   | 0.43         | 4.3           |
| CBD              | 0.0002   | 0.16         | 1.6           |
| THCV             | 0.0002   | 0.33         | 3.3           |
| CBN              | 0.0001   | 0.26         | 2.6           |
| Δ9-THC           | 0.0002   | 24.87        | 248.7         |
| Δ8-THC           | 0.0002   | <LOQ         | <LOQ          |
| Δ10-THC          | 0.0000   | 0.10         | 1.0           |
| CBC              | 0.0002   | 0.25         | 2.5           |
| THCa             | 0.0003   | 13.26        | 132.6         |
| <b>Total THC</b> |          | <b>36.50</b> | <b>364.97</b> |
| <b>Total CBD</b> |          | <b>0.40</b>  | <b>4.03</b>   |
| <b>Total</b>     |          | <b>40.80</b> | <b>408.02</b> |

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




 Luke Emerson-Mason  
 Laboratory Director  
 09/25/2024

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## KKC Infused Pre Roll-01

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 Batch#:

 Client  
 Kingdom Canna

 Matrix: Plant  
 Type: Enhanced/Infused Preroll  
 Sample Size: 3 units  
 Lot#:

### Terpenes

Completed

| Analyte             | LOQ   | Results       | Results      |
|---------------------|-------|---------------|--------------|
|                     | mg/g  | mg/g          | %            |
| β-Caryophyllene     | 0.010 | 6.698         | 0.670        |
| β-Myrcene           | 0.010 | 4.970         | 0.497        |
| Linalool            | 0.010 | 4.651         | 0.465        |
| Ocimene             | 0.010 | 3.442         | 0.344        |
| Limonene            | 0.010 | 2.827         | 0.283        |
| α-Pinene            | 0.010 | 2.494         | 0.249        |
| α-Humulene          | 0.010 | 1.840         | 0.184        |
| β-Pinene            | 0.010 | 1.573         | 0.157        |
| Terpinolene         | 0.010 | 0.599         | 0.060        |
| Camphene            | 0.010 | 0.187         | 0.019        |
| Caryophyllene Oxide | 0.010 | 0.150         | 0.015        |
| 3-Carene            | 0.010 | 0.116         | 0.012        |
| Eucalyptol          | 0.010 | 0.088         | 0.009        |
| α-Bisabolol         | 0.010 | 0.069         | 0.007        |
| γ-Terpinene         | 0.010 | 0.062         | 0.006        |
| α-Terpinene         | 0.010 | 0.029         | 0.003        |
| Geraniol            | 0.010 | 0.018         | 0.002        |
| 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>29.813</b> | <b>2.981</b> |

### Primary Aromas

|   |   |   |   |   |
|---|---|---|---|---|
| <br>Cinnamon | <br>Hops | <br>Lavender | <br>Earthy | <br>Orange |
|---|---|---|---|---|

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 (&lt;LOQ).

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

Reagent Blanks: &lt; 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  
 09/25/2024

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## KKC Infused Pre Roll-01

Sample ID: BIA241017S0003  
Strain: Kingdom Kush Cake manu0026

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

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

Client  
**Kingdom Canna**

### Pathogens

Completed

| Pathogens           | LOD<br>CFU/g | Results<br>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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10/24/2024

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