

Arkansas Location

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Oklahoma Location

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CERTIFICATE OF ANALYSIS

Order Type: Medical Cannabis Customer ID: 76 Harvest/Extract Lot: None Order ID: OR2019-1311 Customer Name: ABP Farms Harvest/Extract Batch: None

Cultivar (Strain): CBD Keif Lab ID: SA2019-4566 Sample Matrix: Edible Sample Date: 04/29/2019 **Date Received:** 04/29/2019 **Date Completed:** 05/03/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 05/02/2019 0144 Method: HPLC/DAD (Internal Method-001) Moisture Content (%): -Analyst: OL **Instrument:** Agilent 1100 Water Activity (aw): -

| Cannabinoid | Result (%) | Result (mg/g) | Reporting Limit (mg/g) | Per Unit (mg) |
|-----------------|------------|------------------|------------------------|---------------|
| CBD | 0.889 | 8.89 | 0.286 | 9 |
| CBDa | 20.7 | 207 | 0.286 | 207 |
| CBDv | - | - | 0.286 | - |
| $\Delta 9$ -THC | 0.158 | 1.58 | 0.286 | 1.58 |
| $\Delta 8$ -THC | - | - | 0.286 | - |
| THCa | 0.915 | 9.15 | 0.286 | 9 |
| THCv | - | - | 0.286 | - |
| CBC | 0.122 | 1.22 | 0.286 | 1.22 |
| CBG | - | - | 0.286 | - |
| CBGa | 0.19 | 1.9 | 0.286 | 1.9 |
| CBN | - | - | 0.286 | - |
| TOTAL. | 23 | 230 | | 230 |



| TOTAL | 23 | 230 | 230 |
|-----------|------|-----|-----|
| TOTAL THC | 0.96 | 9.6 | 10 |
| TOTAL CBD | 19.1 | 191 | 191 |

UNIT MASS (g): 1

"-" Not detected above RL.

Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%

Replicate Uncertainties: <5% RSD, <20% RPD Sample/Reagent Blanks: <RL for all analytes

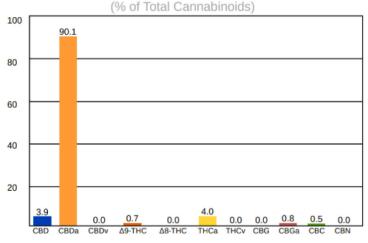
Values for plant matter are adjusted for moisture

Total THC = (THCa x 0.877) + $\Delta 9$ -THC

Total CBD = (CBDa \times 0.877) + CBD

content.

Cannabinoid Distribution



Percentage results are reported by mass. mg/g results are reported as mass component per mass material.

This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD -Relative Percent Difference, RSD - Relative Standard Deviation

medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

Kyle W. Felling, Ph.D.

REPORT OF LABORATORY ANALYSIS

