

SAMPLE NAME: CBD INFUSED PEANUT BUTTER for Dogs

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: K'dara CBD

License Number:

**Address: 2626 Cole Ave
Dallas TX 95204**



SAMPLE DETAIL

Batch Number: 1020BSPB500

Sample ID: 201222X027

Date Collected: 12/22/2020

Date Received: 12/22/2020

Batch Size:

Sample Size:

Unit Mass: 340 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 1715.640 mg/unit

Sum of Cannabinoids: 1727.200 mg/unit

Total Cannabinoids: 1727.200 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture: NT

Density: NT

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

Pesticides: ✔ PASS

Mycotoxins: NT

Residual Solvents: ✔ PASS

Heavy Metals: ✔ PASS

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): NT

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

Reza Naemeh
 LQC verified by: Reza Naemeh
 Date: 12/25/2020

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 12/25/2020



CANNABINOID TEST RESULTS - 12/24/2020

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC ($\Delta 9\text{THC} + 0.877 * \text{THCa}$)

TOTAL CBD: 1715.640 mg/unit

Total CBD ($\text{CBD} + 0.877 * \text{CBDa}$)

TOTAL CANNABINOIDS: 1727.200 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8\text{THC}$ + CBL + CBN

TOTAL CBG: ND

Total CBG ($\text{CBG} + 0.877 * \text{CBGa}$)

TOTAL THCV: ND

Total THCV ($\text{THCV} + 0.877 * \text{THCVa}$)

TOTAL CBC: ND

Total CBC ($\text{CBC} + 0.877 * \text{CBCa}$)

TOTAL CBDV: 11.560 mg/unit

Total CBDV ($\text{CBDV} + 0.877 * \text{CBDVa}$)

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|-------------------|---------------|
| CBD | 0.004 / 0.011 | ± 0.2417 | 5.046 | 0.5046 |
| CBDV | 0.002 / 0.012 | ± 0.0018 | 0.034 | 0.0034 |
| $\Delta 9\text{THC}$ | 0.002 / 0.014 | N/A | ND | ND |
| $\Delta 8\text{THC}$ | 0.01 / 0.02 | N/A | ND | ND |
| THCa | 0.001 / 0.005 | N/A | ND | ND |
| THCV | 0.002 / 0.012 | N/A | ND | ND |
| THCVa | 0.002 / 0.019 | N/A | ND | ND |
| CBDa | 0.001 / 0.026 | N/A | ND | ND |
| CBDVa | 0.001 / 0.018 | N/A | ND | ND |
| CBG | 0.002 / 0.006 | N/A | ND | ND |
| CBGa | 0.002 / 0.007 | N/A | ND | ND |
| CBL | 0.003 / 0.010 | N/A | ND | ND |
| CBN | 0.001 / 0.007 | N/A | ND | ND |
| CBC | 0.003 / 0.010 | N/A | ND | ND |
| CBCa | 0.001 / 0.015 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 5.080 mg/g | 0.508% |

Unit Mass: 340 grams per Unit

| | | | |
|-------------------------------|-----------------------|------------------|------|
| $\Delta 9\text{THC}$ per Unit | 110 per-package limit | ND | PASS |
| Total THC per Unit | | ND | |
| CBD per Unit | | 1715.640 mg/unit | |
| Total CBD per Unit | | 1715.640 mg/unit | |
| Sum of Cannabinoids per Unit | | 1727.200 mg/unit | |
| Total Cannabinoids per Unit | | 1727.200 mg/unit | |

MOISTURE TEST RESULT

| |
|------------|
| Not Tested |
|------------|

DENSITY TEST RESULT

| |
|------------|
| Not Tested |
|------------|

VISCOSITY TEST RESULT

| |
|------------|
| Not Tested |
|------------|



 **Pesticide Analysis**

CATEGORY 1 PESTICIDE TEST RESULTS - 12/23/2020 ✔ PASS

CATEGORY 1 AND 2 PESTICIDES

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------------|----------------|---------------------|--------------------------------|---------------|-------------|
| Aldicarb | | | | NT | |
| Carbofuran | | | | NT | |
| Chlordane* | | | | NT | |
| Chlorfenapyr* | | | | NT | |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Coumaphos | | | | NT | |
| Daminozide | | | | NT | |
| DDVP (Dichlorvos) | | | | NT | |
| Dimethoate | | | | NT | |
| Ethoprop(hos) | | | | NT | |
| Etofenprox | | | | NT | |
| Fenoxycarb | | | | NT | |
| Fipronil | | | | NT | |
| Imazalil | | | | NT | |
| Methiocarb | | | | NT | |
| Methyl parathion | | | | NT | |
| Mevinphos | | | | NT | |
| Paclobutrazol | | | | NT | |
| Propoxur | | | | NT | |
| Spiroxamine | | | | NT | |
| Thiacloprid | | | | NT | |

CATEGORY 2 PESTICIDE TEST RESULTS - 12/23/2020 ✔ PASS

| | | | | | |
|---------------------|-------------|-----|-----|-----------|-------------|
| Abamectin | 0.03 / 0.10 | 0.3 | N/A | ND | PASS |
| Acephate | | | | NT | |
| Acequinocyl | | | | NT | |
| Acetamiprid | | | | NT | |
| Azoxystrobin | 0.01 / 0.04 | 40 | N/A | ND | PASS |
| Bifenazate | 0.01 / 0.02 | 5 | N/A | ND | PASS |
| Bifenthrin | 0.01 / 0.02 | 0.5 | N/A | ND | PASS |
| Boscalid | 0.02 / 0.06 | 10 | N/A | ND | PASS |
| Captan | | | | NT | |
| Carbaryl | | | | NT | |
| Chlorantraniliprole | | | | NT | |

Continued on next page



 **Pesticide Analysis** *Continued*

CATEGORY 2 PESTICIDE TEST RESULTS - 12/23/2020 *continued* ✔ PASS

CATEGORY 1 AND 2 PESTICIDES

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Clofentezine | | | | NT | |
| Cyfluthrin | | | | NT | |
| Cypermethrin | 0.1 / 0.3 | 1 | N/A | ND | PASS |
| Diazinon | | | | NT | |
| Dimethomorph | | | | NT | |
| Etoxazole | 0.010 / 0.028 | 1.5 | N/A | ND | PASS |
| Fenhexamid | | | | NT | |
| Fenpyroximate | | | | NT | |
| Flonicamid | | | | NT | |
| Fludioxonil | | | | NT | |
| Hexythiazox | 0.01 / 0.04 | 2 | N/A | ND | PASS |
| Imidacloprid | 0.01 / 0.04 | 3 | N/A | ND | PASS |
| Kresoxim-methyl | | | | NT | |
| Malathion | 0.02 / 0.05 | 5 | N/A | ND | PASS |
| Metalaxyl | | | | NT | |
| Methomyl | | | | NT | |
| Myclobutanil | 0.03 / 0.1 | 9 | N/A | ND | PASS |
| Naled | | | | NT | |
| Oxamyl | | | | NT | |
| Pentachloronitrobenzene* | | | | NT | |
| Permethrin | 0.03 / 0.09 | 20 | N/A | ND | PASS |
| Phosmet | | | | NT | |
| Piperonylbutoxide | 0.003 / 0.009 | 8 | ±0.0012 | 0.046 | PASS |
| Prallethrin | | | | NT | |
| Propiconazole | 0.01 / 0.03 | 20 | N/A | ND | PASS |
| Pyrethrins | | | | NT | |
| Pyridaben | | | | NT | |
| Spinetoram | | | | NT | |
| Spinosad | | | | NT | |
| Spiromesifen | 0.02 / 0.05 | 12 | N/A | ND | PASS |
| Spirotetramat | | | | NT | |
| Tebuconazole | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Thiamethoxam | | | | NT | |
| Trifloxystrobin | 0.01 / 0.03 | 30 | N/A | ND | PASS |



 **Residual Solvents Analysis**

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 12/24/2020  **PASS**

CATEGORY 1 AND 2 RESIDUAL SOLVENTS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).


Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|--------------------------------|---------------|--------|
| 1,2-Dichloroethane | 0.05 / 0.1 | 1 | N/A | ND | PASS |
| Benzene | 0.03 / 0.09 | 1 | N/A | ND | PASS |
| Chloroform | 0.1 / 0.2 | 1 | N/A | ND | PASS |
| Ethylene Oxide | 0.1 / 0.4 | 1 | N/A | ND | PASS |
| Methylene chloride | 0.3 / 0.9 | 1 | N/A | ND | PASS |
| Trichloroethylene | 0.1 / 0.3 | 1 | N/A | ND | PASS |

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 12/24/2020  **PASS**

| | | | | | |
|-------------------|----------|------|-----|----|------|
| Acetone | 20 / 50 | 5000 | N/A | ND | PASS |
| Acetonitrile | 2 / 7 | 410 | N/A | ND | PASS |
| Butane | 10 / 50 | 5000 | N/A | ND | PASS |
| Ethanol | 20 / 50 | 5000 | N/A | ND | PASS |
| Ethyl acetate | 20 / 60 | 5000 | N/A | ND | PASS |
| Ethyl ether | 20 / 50 | 5000 | N/A | ND | PASS |
| Heptane | 20 / 60 | 5000 | N/A | ND | PASS |
| Hexane | 2 / 5 | 290 | N/A | ND | PASS |
| Isopropyl Alcohol | 10 / 40 | 5000 | N/A | ND | PASS |
| Methanol | 50 / 200 | 3000 | N/A | ND | PASS |
| Pentane | 20 / 50 | 5000 | N/A | ND | PASS |
| Propane | 10 / 20 | 5000 | N/A | ND | PASS |
| Toluene | 7 / 21 | 890 | N/A | ND | PASS |
| Total Xylenes | 50 / 160 | 2170 | N/A | ND | PASS |

 **Heavy Metals Analysis**

HEAVY METALS TEST RESULTS - 12/23/2020  **PASS**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Cadmium | 0.02 / 0.05 | 0.5 | N/A | <LOQ | PASS |
| Lead | 0.04 / 0.1 | 0.5 | N/A | ND | PASS |
| Arsenic | 0.02 / 0.1 | 1.5 | N/A | ND | PASS |
| Mercury | 0.002 / 0.01 | 3 | N/A | ND | PASS |

