

SAMPLE DETAILS

OVERALL BATCH RESULT: **PASS**
SAMPLE NAME: Kiva Bar Churro

Infused, Solid Edible

CULTIVATOR / MANUFACTURER
Business Name: Kiva Manufacturing Inc.

License Number: CDPH-10004315

Address: 460 ROLAND WAY
OAKLAND CA 94621-2013

DISTRIBUTOR
Business Name: Kiva Sales & Service, Inc (Kiva Sales & Service, Inc)

License Number: C11-0001255-LIC

Address: 2300 LOOP RD N, BLDG
Alameda CA 94502-8009

SAMPLE DETAIL
Batch Number: 25084MUB01

Sample ID: 250423S028

Source Metrc UID:
1A406030001DB01000024626

Date Collected: 04/23/2025

Date Received: 04/24/2025

Batch Size: 2786.0 units

Sample Size: 13.0 units

Unit Mass: 54.8746 grams per Unit

Serving Size: 2.7437 grams per Serving

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY **PASS**
Sum of Cannabinoids: **110.463 mg/unit**
Total Cannabinoids: **110.463 mg/unit**
Total THC: **100.860 mg/unit**
Total CBD: ND

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

Total Cannabinoids = $(\Delta^9$ -THC + 0.877*THCa + Δ^8 -THC) + (CBD + 0.877*CBDa) + (CBG + 0.877*CBGa) + (THCV + 0.877*THCVa) + (CBC + 0.877*CBCa) + (CBDV + 0.877*CBDVa) + CBL + CBN

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 = Δ^9 -THC + (THCa (0.877)) + Δ^8 -THC

Total CBD = CBD + (CBDa (0.877))

SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit: **PASS**
 Δ^9 -THC per Serving: **PASS**

Pesticides: **PASS**

Mycotoxins: **PASS**

Residual Solvents: **PASS**

Heavy Metals: **PASS**

Microbiology: **PASS**

Foreign Material: **PASS**

Water Activity: **PASS**

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 4 Division 19, Department of Cannabis Control 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), $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb



All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:
Michael Pham
Job Title: Senior Laboratory Analyst
Date: 04/25/2025



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 04/25/2025



CANNABINOID TEST RESULTS - 04/25/2025 ✓ PASS

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 110.463 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL CBG: 4.280 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THC: 100.860 mg/unit
Total THC (Δ^9 -THC+0.877*THCa+ Δ^8 -THC)

TOTAL CBD: ND
Total CBD (CBD+0.877*CBDa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 4.061 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| Δ^9 -THC | 0.002 / 0.014 | ±0.1009 | 1.838 | 0.1838 |
| CBG | 0.002 / 0.006 | ±0.0038 | 0.078 | 0.0078 |
| CBC | 0.003 / 0.010 | ±0.0024 | 0.074 | 0.0074 |
| CBN | 0.001 / 0.007 | ±0.0007 | 0.023 | 0.0023 |
| Δ^8 -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 |
| CBD | 0.004 / 0.011 | N/A | ND | ND |
| CBDa | 0.001 / 0.026 | N/A | ND | ND |
| CBDV | 0.002 / 0.012 | N/A | ND | ND |
| CBDVa | 0.001 / 0.018 | N/A | ND | ND |
| CBGa | 0.002 / 0.007 | N/A | ND | ND |
| CBL | 0.003 / 0.010 | N/A | ND | ND |
| CBCa | 0.001 / 0.015 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 2.013 mg/g | 0.2013% |

UNIT MASS: 54.8746 grams per Unit / SERVING SIZE: 2.7437 grams per Serving

| | | | |
|---------------------------------|-----------------------|------------------|------|
| Δ^9 -THC per Unit | 110 per-package limit | 100.860 mg/unit | PASS |
| Δ^9 -THC per Serving | | 5.043 mg/serving | PASS |
| Total THC per Unit | | 100.860 mg/unit | |
| Total THC per Serving | | 5.043 mg/serving | |
| CBD per Unit | | ND | |
| CBD per Serving | | ND | |
| Total CBD per Unit | | ND | |
| Total CBD per Serving | | ND | |
| Sum of Cannabinoids per Unit | | 110.463 mg/unit | |
| Sum of Cannabinoids per Serving | | 5.523 mg/serving | |
| Total Cannabinoids per Unit | | 110.463 mg/unit | |
| Total Cannabinoids per Serving | | 5.523 mg/serving | |

CATEGORY 1 PESTICIDE TEST RESULTS - 04/25/2025 ✓ PASS

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 | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Carbofuran | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Chlordane* | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Chlorfenapyr* | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Coumaphos | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Daminozide | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Dichlorvos (DDVP) | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Dimethoate | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Ethoprophos | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Etofenprox | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Fenoxycarb | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Fipronil | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Imazalil | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Methiocarb | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Mevinphos | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Paclobutrazol | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Parathion-methyl | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Propoxur | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Spiroxamine | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Thiacloprid | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |

CATEGORY 2 PESTICIDE TEST RESULTS - 04/25/2025 ✓ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Abamectin | 0.03 / 0.10 | 0.3 | N/A | ND | PASS |
| Acephate | 0.02 / 0.07 | 5 | N/A | ND | PASS |
| Acequinocyl | 0.02 / 0.07 | 4 | N/A | ND | PASS |
| Acetamiprid | 0.02 / 0.05 | 5 | N/A | ND | PASS |
| Azoxystrobin | 0.02 / 0.07 | 40 | N/A | ND | PASS |
| Bifenazate | 0.01 / 0.04 | 5 | N/A | ND | PASS |
| Bifenthrin | 0.02 / 0.05 | 0.5 | N/A | ND | PASS |
| Boscalid | 0.03 / 0.09 | 10 | N/A | ND | PASS |
| Captan | 0.19 / 0.57 | 5 | N/A | ND | PASS |
| Carbaryl | 0.02 / 0.06 | 0.5 | N/A | ND | PASS |
| Chlorantranilip- role | 0.04 / 0.12 | 40 | N/A | ND | PASS |
| Clofentezine | 0.03 / 0.09 | 0.5 | N/A | ND | PASS |

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CATEGORY 2 PESTICIDE TEST RESULTS - 04/25/2025 *continued*

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--|-------------------|---------------------------|--------------------------------------|------------------|--------|
| Cyfluthrin | 0.12 / 0.38 | 1 | N/A | ND | PASS |
| Cypermethrin | 0.11 / 0.32 | 1 | N/A | ND | PASS |
| Diazinon | 0.02 / 0.05 | 0.2 | N/A | ND | PASS |
| Dimethomorph | 0.03 / 0.09 | 20 | N/A | ND | PASS |
| Etoxazole | 0.02 / 0.06 | 1.5 | N/A | ND | PASS |
| Fenhexamid | 0.03 / 0.09 | 10 | N/A | ND | PASS |
| Fenpyroximate | 0.02 / 0.06 | 2 | N/A | ND | PASS |
| Flonicamid | 0.03 / 0.10 | 2 | N/A | ND | PASS |
| Fludioxonil | 0.03 / 0.10 | 30 | N/A | ND | PASS |
| Hexythiazox | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Imidacloprid | 0.04 / 0.11 | 3 | N/A | ND | PASS |
| Kresoxim-methyl | 0.02 / 0.07 | 1 | N/A | ND | PASS |
| Malathion | 0.03 / 0.09 | 5 | N/A | ND | PASS |
| Metalaxyl | 0.02 / 0.07 | 15 | N/A | ND | PASS |
| Methomyl | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Myclobutanil | 0.03 / 0.09 | 9 | N/A | ND | PASS |
| Naled | 0.02 / 0.07 | 0.5 | N/A | ND | PASS |
| Oxamyl | 0.04 / 0.11 | 0.2 | N/A | ND | PASS |
| Pentachloronitro- benzene (Quintozene)* | 0.03 / 0.09 | 0.2 | N/A | ND | PASS |
| Permethrin | 0.04 / 0.12 | 20 | N/A | ND | PASS |
| Phosmet | 0.03 / 0.10 | 0.2 | N/A | ND | PASS |
| Piperonyl Butoxide | 0.02 / 0.07 | 8 | N/A | ND | PASS |
| Prallethrin | 0.03 / 0.08 | 0.4 | N/A | ND | PASS |
| Propiconazole | 0.02 / 0.07 | 20 | N/A | ND | PASS |
| Pyrethrins | 0.04 / 0.12 | 1 | N/A | ND | PASS |
| Pyridaben | 0.02 / 0.07 | 3 | N/A | ND | PASS |
| Spinetoram | 0.02 / 0.07 | 3 | N/A | ND | PASS |
| Spinosad | 0.02 / 0.07 | 3 | N/A | ND | PASS |
| Spiromesifen | 0.02 / 0.05 | 12 | N/A | ND | PASS |
| Spirotetramat | 0.02 / 0.06 | 13 | N/A | ND | PASS |
| Tebuconazole | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Thiamethoxam | 0.03 / 0.10 | 4.5 | N/A | ND | PASS |
| Trifloxystrobin | 0.03 / 0.08 | 30 | N/A | ND | PASS |

MYCOTOXIN TEST RESULTS - 04/25/2025 ✓ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|--------------------|----------------------------|---------------------------------------|-------------------|--------|
| Aflatoxin B1 | 2.0 / 6.0 | | N/A | ND | |
| Aflatoxin B2 | 1.8 / 5.6 | | N/A | ND | |
| Aflatoxin G1 | 1.0 / 3.1 | | N/A | ND | |
| Aflatoxin G2 | 1.2 / 3.5 | | N/A | ND | |
| Ochratoxin A | 6.3 / 19.2 | 20 | N/A | ND | PASS |
| Total Aflatoxin | | 20 | | ND | PASS |

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 04/25/2025 ✓ PASS

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 |
| Dichloromethane (Methylene Chloride) | 0.3 / 0.9 | 1 | N/A | ND | PASS |
| Ethylene Oxide | 0.3 / 0.8 | 1 | N/A | ND | PASS |
| Trichloroethylene | 0.1 / 0.3 | 1 | N/A | ND | PASS |

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 04/25/2025 ✓ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|-----------------------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| 2-Propanol (Isopropyl Alcohol) | 10 / 40 | 5000 | N/A | ND | PASS |
| Acetone | 20 / 50 | 5000 | N/A | ND | PASS |
| Acetonitrile | 2 / 7 | 410 | N/A | ND | PASS |
| Ethanol | 20 / 50 | 5000 | N/A | <LOQ | PASS |
| Ethyl Acetate | 20 / 60 | 5000 | N/A | ND | PASS |
| Ethyl Ether | 20 / 50 | 5000 | N/A | ND | PASS |
| Methanol | 50 / 200 | 3000 | N/A | ND | PASS |
| n-Butane | 10 / 50 | 5000 | N/A | ND | PASS |
| n-Heptane | 20 / 60 | 5000 | N/A | ND | PASS |
| n-Hexane | 2 / 5 | 290 | N/A | ND | PASS |
| n-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 TEST RESULTS - 04/25/2025 ✓ 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 |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Arsenic | 0.02 / 0.1 | 1.5 | N/A | ND | PASS |
| Cadmium | 0.02 / 0.05 | 0.5 | N/A | <LOQ | PASS |
| Lead | 0.04 / 0.1 | 0.5 | N/A | ND | PASS |
| Mercury | 0.002 / 0.01 | 3 | N/A | ND | PASS |

MICROBIOLOGY TEST RESULTS - 04/25/2025 ✓ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** QSP 61517 - Analysis of Microbiological Contaminants

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|--|--------------------|--------|--------|
| Salmonella spp. | Not Detected in 1g | ND | PASS |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | ND | PASS |

FOREIGN MATERIAL TEST RESULTS - 04/24/2025 ✓ PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|---|-----------------|--------|--------|
| Hair Count | > 1 per 3 grams | 0.0 | PASS |
| Insect Fragment Count | > 1 per 3 grams | 0.0 | PASS |
| Mammalian Excreta Count | > 1 per 3 grams | 0.0 | PASS |
| Total Sample Area Covered by an Imbedded Foreign Material | >25% | None | PASS |
| Total Sample Area Covered by Mold | >25% | None | PASS |
| Total Sample Area Covered by Sand, Soil, Cinders, or Dirt | >25% | None | PASS |

WATER ACTIVITY TEST RESULTS - 04/25/2025 ✓ PASS

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

| COMPOUND | LOD/LOQ (Aw) | ACTION LIMIT (Aw) | MEASUREMENT UNCERTAINTY (Aw) | RESULT (Aw) | RESULT |
|----------------|--------------|-------------------|------------------------------|-------------|--------|
| Water Activity | 0.030 / 0.15 | 0.85 | ±0.017 | 0.34 | PASS |