ChRi

Testing Facility License #: TF-A25-000006-01

Cannabis Infused Edibles Quality Assurance Testing

# CERTIFICATE OF ANALYSIS

DATE ISSUED 11/6/2025

## SAMPLE DETAILS

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT TYPE | Hemp | MANIFEST NUMBER | NA | REQUEST NUMBER: | MCBR-2510-012 |
| SAMPLE NAME: | Watermelon Space Gummies | DATE COLLECTED: | 13-Oct-25 | SAMPLES ACCEPTED INTO TEST ON: | 14-Oct-25 |
| MATRIX TYPE: | Edible - Gummy | DATE RECEIVED IN METRC | NA | DATE ASSIGNED TO LAB: | 14-Oct-25 |

| SAMPLE DETAILS | | TESTED FOR: | | ANALYSIS TYPE: (Check all that applies) | | |
|---|---|---|---|---|---|---|
| FULL TAG NUMBER: | NA | BUSINESS NAME | Branding House LLC | R&D | NO | (YES/NO) |
| LAST 4 DIGITS TAG NUMBER: | NA | ADDRESS | 2625 S Hickory St, Santa Ana, CA 92707 | COMPLIANCE | YES | (YES/NO) |
| LOT/BATCH NUMBER: | MNWM24071602 | LICENSE NUMBER | NA | REANALYSIS | NO | (YES/NO) |
| AMOUNT RECEIVED: | 51.2g | | | REMEDIATION | NO | (YES/NO) |
| LAB SAMPLE ID: | 2510012-005 | | | | | |

## CANNABINOID ANALYSIS - Summary

| | | |
|---|---|---|
| TOTAL THC CONTENT (mg/piece) | 5.031 | 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 (Δ9-THC + (0.877*THCa)) |
| TOTAL CBD CONTENT (mg/piece) | 4.713 | Total CBD (CBD+(0.877*CBDa)) |
| TOTAL OTHER KNOWN CANNABINOIDS: (mg/unit) | 0.168 | Total Other Known Cannabinoids = [Total CBG (CBG + 0.877*CBGa]+[Total THCV (THCV + 0.877*THCVa]+ [Total CBC (CBC + 0.877*CBCa]+[Total CBDV (CBDV + 0.877*CBDVa].... for the remaining 12 targeted cannabinoids, not including THC, THCA, CBD, CBDA. |
| TOTAL UNKNOWN/UNIDENTIFIED SUBSTANCES: (mg/piece) | 0.038 | Means unidentified, tentatively identified, or unknown cannabionoids or related substances that not among the 14 targeted cannbinoids. Total Unknown Compounds have estimated concentration determined based on peak area comparison to the CBD calibration curve. |

## SAFETY ANALYSIS - Summary

| | |
|---|---|
| Potency | PASSED |
| Heavy Metals | PASSED |
| Microbiology | PASSED |
| Water Activity | PASSED |
| Foreign Particulate Matter | NT |
| Residual Solvents | PASSED |
| Mycotoxins | PASSED |
| Pesticides | PASSED |
| Terpenes | NT |
| Homogeneity Testing | NT |
| Stability Testing | NT |

For quality assurance purposes. These results relate only to the samples included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** XXX

**APPROVAL BY:** Henry Larmie,PHD
**JOB TITLE:** CEO
**DATE:** 07 Nov 2025
**SIGNATURE:**

**RELEASED BY:** Zarrar Khan
**JOB TITLE:** Quality Assurance Coordinator II
**DATE:** 07 Nov 2025
**SIGNATURE:**

**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.
All specifications/Limits for Pass/Fail are referenced from Minnesota OCM, Technical Authority: Standards and Ssampling, current version.
**References:** limits of detection (LOD), limits of qualifications (LOQ), not detected (ND), not tested (NT)
µg/g = ppm, µg/kg = ppb, too numerous to count > 250cfu/plate (TNTC), colony forming unit (cfu)
**Disclaimer:** Not all potential hazards were evaluated.

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| | | | | | |
|---|---|---|---|---|---|
| REQUEST NO.: | MCBR-2510-012 | SAMPLE NAME | Watermelon Space Gummies | LAST 4 DIGITS TAG NO.: | NA |
| MANIFEST NO.: | NA | LAB SAMPLE ID: | 2510012-005 | LOT/BATCH NO. | MNWM24071602 |

## Cannabinoid Analysis

TEST INITIATED ON 26-Oct-25 TEST COMPLETED ON 29-Oct-25

Tested by high-performance liquid chromatography with uv detection (HPLC-UV).

TEST METHOD: CLTM-MCB13
REVISION NO. 1.0

TEST SAMPLE AMOUNT 2.55518 g

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMDIATION TEST ☐

NOTEBOOK REF. NO. 20175 pp 41-42

| KNOWN CANNABINOIDS: Name | CANNABINOID Abbreviation | RRT (wrt THC) | MEASUREMENT UNCERTAINTY (%) | LOD/LOQ (mg/g) | RESULT (mg/piece) |
|---|---|---|---|---|---|
| Δ9Tetrahydrocannabinol | Δ9THC | 1.000 | NA | NA | 5.031 |
| Tetrahydrocannabinolic acid | THCa | 1.161 | NA | NA | ND |
| Cannabidiol | CBD | 0.759 | NA | 0.008/0.0236 | 4.604 |
| Cannabidiolic acid | CBDa | 0.706 | NA | 0.008/0.0234 | 0.108 |
| Cannabidivarinic acid | CBDVA | 0.458 | NA | 0.008/0.0235 | ND |
| Cannabidivarin | CBDV | 0.499 | NA | 0.008/0.0238 | ND |
| Tetrahydro-cannabivarin | THCV | 0.737 | NA | 0.008/0.0233 | ND |
| Cannabigerol | CBG | 0.776 | NA | 0.008/0.0233 | ND |
| Cannabigerolic Acid | CBGA | 0.813 | NA | 0.008/0.0235 | ND |
| Tetrahydrocannabivarin acid | THCVa | 0.902 | NA | 0.008/0.0237 | ND |
| Cannabinol | CBN | 0.930 | NA | 0.008/0.0233 | <DL |
| Δ8Tetrahydocannabinol | Δ8THC | 1.020 | NA | 0.008/0.0231 | 0.168 |
| Cannabichromene | CBC | 1.104 | NA | 0.008/0.0233 | ND |
| Cannabichromenic acid | CBCa | 1.211 | NA | 0.008/0.0240 | <DL |

**TOTAL THC/THCA** 5.031 mg/piece
Total THC = (Δ9 - THC + (0.877*THCa))

**TOTAL CBD/CBDA** 4.713 mg/piece
Total CBD =(CBD+(0.877*CBDa))

LABEL CLAIM / SPECIFICATION: 5 mg/piece
5 mg/piece

**TOTAL OTHER KNOWN CANNABINOIDS :** 0.168 mg/piece
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

**TOTAL UNKNOWN SUBSTANCES:** 0.038 mg/piece
Sum of unidentified, tentatively Idenfied, unknown cannabinoids or related substances

**CANNABINOID PURITY** NT
The ratio by weight of delta-9-THC to all other artificially derived cannabinoids must be no less than 20 to 1 (at least 95% delta-9-THC)

## Water Activity Analysis

TEST INITIATED ON: 21-Oct-25 TEST COMPLETED ON: 21-Oct-25

Water activity analysis conducted via water activity meter

| TEST | LOD/LOQ (aw) | ACTION LIMIT (aw) | MEASUREMENT UNCERTAINTY (aw) | RESULT (aw) | PASS/FAIL |
|---|---|---|---|---|---|
| Water Activity | 0.25/0.50 | 0.85 | ±0.004 | 0.661 | PASS |

**TEST METHOD NO.:** CLTM-MCB10
REVISION NO. 3.0

TEST SAMPLE AMOUNT 5.3729 g

NOTEBOOK REF. NO. 20174, pg.60 ☑ ORIGINAL TEST ☐ RE-ANALYSIS ☐ REMEDIATION-TEST

## Foreign Particulate Matter Analysis

TEST INITIATED ON: NT TEST COMPLETED ON: NT

Foreign particulate matter analysis conducted via visual inspection.

| TEST | LOD/LOQ (g) | ACTION LIMITS (% w/w) | MEASUREMENT (% w/w) | RESULT (% w/w) | PASS/FAIL |
|---|---|---|---|---|---|
| Foreign Matter (Organic) | NT | NT | NT | NT | NT |
| Foreign Matter (Inorganic) | NT | NT | NT | NT | NT |

**TEST METHOD NO.:** NT
REVISION NO. NT

NOTEBOOK REF. NO. NT

TEST SAMPLE AMOUNT NT g

☐ ORIGINAL TEST ☐ RE-ANALYSIS ☐ REMEDIATION-TEST

Additional Notes:

Cannabis Infused Edibles Quality Assurance Testing

# CERTIFICATE OF ANALYSIS

DATE ISSUED 11/6/2025

Testing Facility License #: TF-A25-000006-01

| | | | | | |
|---|---|---|---|---|---|
| REQUEST NO.: | MCBR-2510-012 | SAMPLE NAME | Watermelon Space Gummies | LAST 4 DIGITS TAG NO.: | NA |
| MANIFEST NO.: | NA | LAB SAMPLE ID: | 2510012-005 | LOT/BATCH NO. | MNWM24071602 |

## Pesticide Analysis

RESULTS: TEST INITIATED ON 21-Oct-25 COMPLETED ON 23-Oct-25

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (LC-MS/MS)

TEST METHOD: CLTM-MCB23
REVISION NO. 2.0

TEST SAMPLE AMOUNT : 0.5142 g

NOTEBOOK REF. NO. NB20182p.42

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION TEST ☐

Additional Notes:

All analytes tested per variance
a,b includes isomers
* Tested per variance, estimated concentrations
ND - Not detected

| COMPOUND | LOD/LOQ (ppm) | ACTION LIMIT (ppm) | MEASUREMENT UNCERTAINTY (ppm) | RESULT (ppm) | PASS/FAIL |
|---|---|---|---|---|---|
| Abamectin | 0.05/0.1 | 0.5 | 0.005 | ND | PASS |
| Acephate | 0.02/0.05 | 0.4 | 0.0025 | ND | PASS |
| Acequinocyl | 0.02/0.01 | 2 | 0.0005 | ND | PASS |
| Acetamiprid | 0.01/0.01 | 0.2 | 0.0005 | ND | PASS |
| Azadirachtin* | 0.1/0.25 | 1 | 0.0125 | ND | PASS |
| Azoxystrobin | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Bifenazate | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Bifenthrin | 0.01/0.05 | 0.2 | 0.0025 | ND | PASS |
| Boscalid | 0.02/0.05 | 0.4 | 0.0025 | ND | PASS |
| Carbaryl | 0.01/0.02 | 0.2 | 0.001 | <LOD | PASS |
| Chlorantraniliprole | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Chlorfenapyr | 0.1/0.25 | 1 | 0.0125 | <LOD | PASS |
| Chlormequat Chloride | 0.1/0.1 | 0.2 | 0.005 | ND | PASS |
| Clorpyrifos (Dursban) | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Clofentezine | 0.02/0.05 | 0.2 | 0.0025 | <LOD | PASS |
| Cyfluthrin | 0.1/0.25 | 1 | 0.0125 | ND | PASS |
| Cypermethrin | 0.05/0.1 | 1 | 0.005 | ND | PASS |
| Daminozide* | 0.05/0.1 | 1 | 0.005 | ND | PASS |
| Diazinon | 0.01/0.02 | 0.1 | 0.001 | ND | PASS |
| Dichlorvos (DDVP) | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Dimethoate | 0.05/0.1 | 0.2 | 0.005 | ND | PASS |
| Etofenprox | 0.02/0.05 | 0.4 | 0.0025 | ND | PASS |
| Etoxazole | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Fenoxycarb | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Fenproximate | 0.02/0.05 | 0.4 | 0.0025 | ND | PASS |
| Fipronil | 0.05/0.1 | 0.4 | 0.005 | ND | PASS |
| Flonicamid | 0.05/0.1 | 1 | 0.005 | ND | PASS |
| Fludioxonil | 0.1/0.1 | 0.4 | 0.005 | ND | PASS |
| Hexythiazox | 0.02/0.05 | 1 | 0.0025 | ND | PASS |
| Imazalil | 0.05/0.1 | 0.2 | 0.005 | ND | PASS |
| Imidacloprid | 0.05/0.1 | 0.4 | 0.005 | ND | PASS |
| Kresoxim-methyl | 0.01/0.02 | 0.4 | 0.001 | ND | PASS |
| Malathion | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Metalaxyl | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Methiocarb | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Methomyl | 0.01/0.02 | 0.4 | 0.001 | <LOD | PASS |
| Myclobutanil | 0.02/0.1 | 0.2 | 0.005 | ND | PASS |
| Naled | 0.05/0.1 | 0.5 | 0.005 | ND | PASS |
| Oxamyl | 0.01/0.02 | 1 | 0.001 | <LOD | PASS |
| Paclobutrazol | 0.01/0.02 | 0.4 | 0.001 | ND | PASS |
| Permethrins[a] | 0.05/0.1 | 0.3 | 0.005 | ND | PASS |
| Phosmet | 0.01/0.02 | 0.2 | 0.001 | ND | PASS |
| Piperonyl Butoxide | 0.02/0.05 | 2 | 0.0025 | ND | PASS |
| Prallethrin | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Propiconazole | 0.05/0.1 | 0.4 | 0.005 | ND | PASS |
| Propoxur | 0.02/0.05 | 0.2 | 0.0025 | <LOD | PASS |
| Pyrethrins[b] | 0.02/0.05 | 1 | 0.0025 | ND | PASS |
| Pyridaben | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Spinosad* | 0.05/0.1 | 0.2 | 0.005 | ND | PASS |
| Spiromesifen | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Spirotetramat | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Tebuconazole | 0.02/0.05 | 0.4 | 0.0025 | ND | PASS |
| Thiamethoxam | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |
| Trifloxystrobin | 0.02/0.05 | 0.2 | 0.0025 | ND | PASS |

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| | | | | | |
|---|---|---|---|---|---|
| REQUEST NO.: | MCBR-2510-012 | SAMPLE NAME | Watermelon Space Gummies | LAST 4 DIGITS TAG NO.: | NA |
| MANIFEST NO.: | NA | LAB SAMPLE ID: | 2510012-005 | LOT/BATCH NO. | MNWM24071602 |

## MICROBIOLOGY ANALYSIS

RESULTS: TEST INITIATED ON 20-Oct-25 COMPLETED ON 23-Oct-25

Plate count analysis conducted by dilution and colony forming unit (CFU) enumeration for microbial contaminant isolation.

TEST METHOD CLTM-MCB20
Revision No. 2.0

| MICROBIAL TARGET | SAMPLE AMOUNT (g) | ACTION LIMIT | RESULT | PASS/FAIL |
|---|---|---|---|---|
| ***Salmonella*** | ***25*** | Not detected in 25g | Not Detected | PASS |
| **Shiga toxin-producing *Escherichia coli (O157:H7)*** | **25** | Not detected in 25g | Not Detected | PASS |
| ***Enterobacteriaceae*** | ***1*** | 150 CFU/g | Not Detected | PASS |

☑ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST

TEST METHOD CLTM-MCB39
Revision No. 2.0
TEST METHOD CLTM-MCB38
Revision No. 2.0

| MICROBIAL TARGET | SAMPLE AMOUNT (g) | ACTION LIMIT | RESULT | PASS/FAIL |
|---|---|---|---|---|
| ***Aspergillus spp.*** | ***25*** | Not detected in 25g | Not Detected | PASS |
| ***Listeria monocytogenes*** | ***25*** | Not detected in 25g | Not Detected | PASS |

☑ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST

TEST METHOD NT
Revision No. NT
TEST METHOD CLTM-MCB37
Revision No. 2.0

| MICROBIAL TARGET | SAMPLE AMOUNT (g) | ACTION LIMIT | RESULT | PASS/FAIL |
|---|---|---|---|---|
| **Total Aerobic Microbial Count (TAMC)** | **NA** | NA | NA | |
| **Total Yeast & Mold Count (TYMC)** | **NA** | NA | NA | |

☐ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST

NOTEBOOK REF. NO. NB 20170 p. 73

NOTEBOOK REF. NO. NA

**Comments:**

## HEAVY METALS ANALYSIS

RESULTS: TEST INITIATED ON 22-Oct-25 TEST COMPLETED ON 23-Oct-25

Heavy metals analysis by inductively coupled plasma-mass spectrometry (ICP-MS)

TEST METHOD: CLTM-MCB19
REVISION NO. 3.0

NOTEBOOK REF. NO. NB 20185 pg. 7

| COMPOUND | LOD/LOQ (ppm) | ACTION LIMIT (ppm) | MEASUREMENT UNCERTAINTY (ppm) | RESULT (ppm) | PASS/FAIL |
|---|---|---|---|---|---|
| **Arsenic** | 0.075/0.12 | 1.5 | 0.105 | ND | PASS |
| **Cadmium** | 0.075/0.12 | 0.5 | 0.02 | ND | PASS |
| **Lead** | 0.075/0.12 | 0.5 | 0.025 | ND | PASS |
| **Mercury** | 0.05/0.08 | 3 | 0.15 | ND | PASS |

TEST SAMPLE AMOUNT : 0.5388 g

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION TEST ☐

**Comments:**

Cannabis Infused Edibles Quality Assurance Testing

# CERTIFICATE OF ANALYSIS

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| | | | | | |
|---|---|---|---|---|---|
| REQUEST NO.: | MCBR-2510-012 | SAMPLE NAME | Watermelon Space Gummies | LAST 4 DIGITS TAG NO.: | NA |
| MANIFEST NO.: | NA | LAB SAMPLE ID: | 2510012-005 | LOT/BATCH NO. | MNWM24071602 |

## MYCOTOXIN ANALYSIS

RESULTS: TEST INITIATED ON 21-Oct-25 COMPLETED ON 23-Oct-25

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS)

TEST METHOD: CLTM-MCB23
REVISION NO. 2.0
TEST SAMPLE AMOUNT : 0.5142 g
NOTEBOOK REF. NO. NB20182 p.42

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION ☐

| COMPOUND | LOD/LOQ (ppb) | ACTION LIMIT (ppb) | MEASUREMENT UNCERTAINTY (ppb) | RESULT (ppb) | PASS/FAIL |
|---|---|---|---|---|---|
| Aflatoxin B1 | 4 | ≤ 5 | 0.2 | ND | PASS |
| Aflatoxin B2 | 10 | ≤ 20 | 0.5 | ND | PASS |
| Aflatoxin G1 | 10 | ≤ 20 | 0.5 | ND | PASS |
| Aflatoxin G2 | 10 | ≤ 20 | 0.5 | ND | PASS |
| Ochratoxin A | 10 | ≤ 20 | 0.5 | ND | PASS |
| Total Aflatoxins | 10 | ≤ 20 | 0.5 | ND | PASS |

**Additonal Notes**

All analytes tested per variance

## RESIDUAL SOLVENTS SCREENING

RESULTS: TEST INITIATED ON 30-Oct-25 TEST COMPLETED ON 31-Oct-25

Residual Solvent analysis gas chromatography-Flame Ionization Detection (GC-FID)

TEST METHOD: CLTM-MCB06
REVISION NO. 2.0
TEST SAMPLE AMOUNT : 2.1026 g

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION ☐

NOTEBOOK REF. NO. NB20181 p63 NB20186 p12, 14

| RESIDUAL SOLVENT | SCREENING LIMIT (ppm) | EDIBLE LIMIT (ppm) | LOD/LOQ (ppm) | RESULT (ppm) | DET/ND/NT |
|---|---|---|---|---|---|
| Acetone | 600 | 5000 | 480 | ND | ND |
| Benzene | 0.5 | 2 | 0.4 | ND | ND |
| Butane | 250 | 5000 | 250 | < SL | ND |
| Chloroform | 0.9 | 2 | 0.7 | ND | ND |
| Cyclohexane | 243 | 3880 | 194 | ND | ND |
| Dichloromethane | 88 | 600 | 70 | ND | ND |
| Ethanol | 30 | 5000 | 24 | < SL | ND |
| Ethyl Acetate | 300 | 5000 | 240 | < SL | ND |
| Heptane | 200 | 5000 | 160 | ND | ND |
| Hexane | 44 | 290 | 35 | ND | ND |
| Isopropanol | 400 | 5000 | 320 | < SL | ND |
| Methanol | 200 | 3000 | 160 | < SL | ND |
| Pentane | 10 | 3000 | 8 | ND | ND |
| Propane | 250 | 5000 | 250 | < SL | ND |
| Toluene | 111 | 890 | 88 | < SL | ND |
| Tricloroethene | 15 | 80 | 12 | ND | ND |
| Total Xylenes | 110 | 2170 | 88 | ND | ND |

## RESIDUAL SOLVENTS QUANTITATIVE ANALYSIS

TEST METHOD: NA
REVISION NO. NA
TEST SAMPLE AMOUNT : NA

ORIGINAL TEST ☐
RE-ANALYSIS ☐
REMEDIATION ☐

| RESIDUAL SOLVENT | LOD/LOQ (ppm) | ACTION LIMIT (ppm) | MEASUREMENT UNCERTAINTY (ppm) | RESULT (ppm) | PASS/FAIL |
|---|---|---|---|---|---|
| NA | NA | NA | NA | | |
| NA | NA | NA | NA | | |
| NA | NA | NA | NA | | |
| NA | NA | NA | NA | | |
| NA | NA | NA | NA | | |

**Additonal Notes**

SL = Screening Limit
ND = Not Detected
MDL = Method Detection Limit
All analytes tested per variance