kaycha LABS
16 Tech Circle, Suite 201
Natick, MA, 01760, US
(401) 219-1491

Kaycha Labs

M00004167266: Cloud Cover - Runtz - Shake Bulk
Strain: Runtz
Matrix: Plant Material
Classification: Raw Plant Material
Type: Trim

# Certificate of Analysis



## PASSED



**Batch #:** RTZ 5.23 7.1.26
**Production Method:** Cured
**Total Amount:** gram
**Retail Product Size:** gram
**Retail Serving Size:** gram
**Servings:** 1
**Metrc Package #:**
1A40A0300008981000058994
**Metrc Source Package # :**
1A40A0300008981000059000

**Lab ID: NA60721012-007**
**Ordered:** 07/21/26
**Sampled Date:** 07/21/26
**Sample Size:** 7 gram
**Completed:** 07/29/26
**Manifest #:** 0003346034

**C3 Industries**
105 Constitution Blvd
Franklin, MA, 02038, US
**License # :** MC281517

C3 INDUSTRIES

**SAFETY RESULTS** **MISC.**

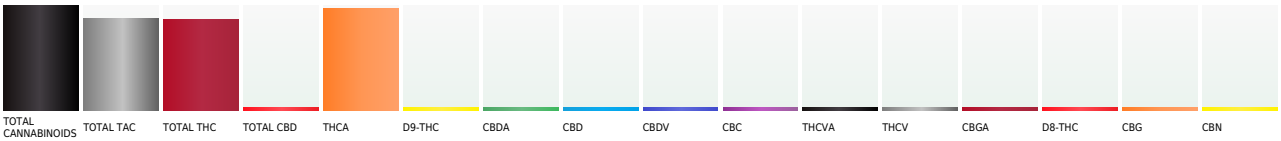
| Pesticide | Heavy Metals | Microbial | Mycotoxins | Solvents | Filth/Foreign Material | Water Activity | Moisture Content | Vitamin E | Terpenes |
|---|---|---|---|---|---|---|---|---|---|
| PASSED | PASSED | PASSED | PASSED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | TESTED |

## Cannabinoid — PASSED

**Total THC**
**25.9765%**

**Total CBD**
**ND**

**Total Cannabinoids**
**29.7840%**



| | TOTAL CANNABINOIDS | TOTAL TAC | TOTAL THC | TOTAL CBD | THCA | D9-THC | CBDA | CBD | CBDV | CBC | THCVA | THCV | CBGA | D8-THC | CBG | CBN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % | 29.7840 | 26.2028 | 25.9765 | ND | 28.8573 | 0.6687 | ND | ND | ND | ND | ND | ND | 0.2580 | ND | ND | ND |
| mg/g | 297.8400 | 262.0281 | 259.7655 | ND | 288.5733 | 6.6867 | ND | ND | ND | ND | ND | ND | 2.5800 | ND | ND | ND |
| Qualifier | | | | | | | | | | | | | | | | |
| LOD (%) | 0.1000 | 0.0001 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 |
| LOQ (%) | 0.1000 | 0.0006 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 |

**Analyzed by:**
1425, 1142, 990, 1280, 1623

**Weight:**
0.1975g

**Extraction date:**
07/23/26 09:16:11

**Extracted by:**
1425

**Analysis Method :** SOP.T.30.031, SOP.T.40.031
**Analytical Batch :** NA029633POT
**Instrument Used :** NA-HPLC-004 (Potency - Flower)
**Batch Date :** 07/22/26 08:19:41
**Analyzed Date :** 2026-07-29 10:40:00, 2026-07-29 10:40:00, 2026-07-29 10:40:00

**Dilution :** 400
**Reagent :** 100724.03; 070226.21; 093025.03; 050626.04; 042726.R01; 042726.R02; 062626.R03; 072126.R04; 071026.R24
**Consumables :** 050925CK01; N05045C; 947.114; DMAX27B25S; 04503049; 1009318699; 1011304115; 250406E; 220215E-15; GD250006; 340056236
**Pipette :** NA-221 (P-10); NA-135 (P-200); NA-329 (Step)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA*0.877). Total CBD = CBD + (CBDA*0.877). Total Cannabinoids = Total of all available cannabinoids. THCVa is pending ISO accreditation.

## Terpenes — TESTED

| ANALYTES | LIMIT | LOD | LOQ | RESULT(%) | (MG/G) | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| TOTAL TERPENES | | 0.020 | 0.020 | 2.358 | 23.580 | | TESTED |
| LINALOOL | | 0.020 | 0.020 | 0.531 | 5.310 | | TESTED |
| BETA-MYRCENE | | 0.020 | 0.020 | 0.480 | 4.800 | | TESTED |

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**Margaret Teasdale**
Lab Director

State License # IL281349
ISO 17025
Accreditation # 97164

Signature
07/29/26
**Laboratory License #:** IL281349

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Matrix: Plant Material
Classification: Raw Plant Material
Type: Trim

# Certificate of Analysis



**C3 Industries**
105 Constitution Blvd
Franklin, MA, 02038, US
**License # :** MC281517

**Sample: NA60721012-007**
**Batch #:** RTZ 5.23 7.1.26
**Seed to sale:** 1A40A0300008981000058994

**Ordered:** 07/21/26
**Sampled:** 07/21/26
**Completed:** 07/29/26

**PASSED**

## Terpenes

**TESTED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT(%) | (MG/G) | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| LIMONENE | | 0.020 | 0.020 | 0.476 | 4.760 | | TESTED |
| BETA-CARYOPHYLLENE | | 0.020 | 0.020 | 0.286 | 2.860 | | TESTED |
| ALPHA-HUMULENE | | 0.020 | 0.020 | 0.094 | 0.940 | | TESTED |
| FARNESENE | | 0.020 | 0.020 | 0.093 | 0.930 | | TESTED |
| ALPHA-TERPINEOL | | 0.020 | 0.020 | 0.089 | 0.890 | | TESTED |
| FENCHYL ALCOHOL | | 0.020 | 0.020 | 0.088 | 0.880 | | TESTED |
| BETA-PINENE | | 0.020 | 0.020 | 0.076 | 0.760 | | TESTED |
| TRANS-NEROLIDOL | | 0.020 | 0.020 | 0.057 | 0.570 | | TESTED |
| TERPINOLENE | | 0.020 | 0.020 | 0.055 | 0.550 | | TESTED |
| ALPHA-PINENE | | 0.020 | 0.020 | 0.033 | 0.330 | | TESTED |
| 3-CARENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| BORNEOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| CAMPHENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| CAMPHOR | | 0.020 | 0.020 | ND | ND | | TESTED |
| CARYOPHYLLENE OXIDE | | 0.020 | 0.020 | ND | ND | | TESTED |
| CEDROL | | 0.002 | 0.020 | ND | ND | | TESTED |
| EUCALYPTOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| FENCHONE | | 0.020 | 0.020 | ND | ND | | TESTED |
| GERANIOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| GERANYL ACETATE | | 0.020 | 0.020 | ND | ND | | TESTED |
| GUAIOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| HEXAHYDROTHYMOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| ISOBORNEOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| ISOPULEGOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| NEROL | | 0.020 | 0.020 | ND | ND | | TESTED |
| OCIMENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| PULEGONE | | 0.020 | 0.020 | ND | ND | | TESTED |
| SABINENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| SABINENE HYDRATE | | 0.020 | 0.020 | ND | ND | | TESTED |
| VALENCENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| ALPHA-BISABOLOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| ALPHA-CEDRENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| ALPHA-PHELLANDRENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| ALPHA-TERPINENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| CIS-NEROLIDOL | | 0.020 | 0.020 | ND | ND | | TESTED |
| GAMMA-TERPINENE | | 0.020 | 0.020 | ND | ND | | TESTED |
| P-CYMENE | | 0.020 | 0.020 | ND | ND | | TESTED |

**Analyzed by:** 990, 1623
**Weight:** 0.4935g
**Extraction date:** 07/22/26 14:23:36
**Extracted by:** 1583

**Analysis Method :** SOP.T.30.064.MA, SOP.T.40.064.MA
**Analytical Batch :** NA029629TER
**Instrument Used :** NA-GCMS-007 (Terpenes)
**Batch Date :** 07/21/26 17:33:06
**Analyzed Date :** 07/26/26 08:49:01

**Dilution :** 10
**Reagent :** 070126.04; 093025.03; 061826.04; 071626.R03
**Consumables :** 050925CK01; IP250.009; 947.114; 2550528; 04503049; 1011304115; 1009318600; GD250006; 340056236
**Pipette :** NA-014 (P-200); NA-021 (P-20); NA-280 (Dispenser); NA-137 (P-1000)

Terpenoid profile screening is performed using Terpene sample preparation SOP.T.30.064.MA and analyzed using a GC-MS using Method SOP.T.40.064.MA which can screen for 39 terpenes. *p-cymene is not an accredited analyte.

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Lab Director

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Matrix: Plant Material
Classification: Raw Plant Material
Type: Trim

# Certificate of Analysis



**C3 Industries**
105 Constitution Blvd
Franklin, MA, 02038, US
**License # :** MC281517

**Sample: NA60721012-007**
**Batch #:** RTZ 5.23 7.1.26
**Seed to sale:** 1A40A0300008981000058994

**Ordered:** 07/21/26
**Sampled:** 07/21/26
**Completed:** 07/29/26

**PASSED**

## Pesticide

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| BIFENTHRIN | 10 | 2.240 | 10.000 | ND | ppb | | PASS |
| BIFENAZATE | 10 | 2.460 | 10.000 | ND | ppb | | PASS |
| ETOXAZOLE | 10 | 1.790 | 10.000 | ND | ppb | | PASS |
| IMAZALIL | 10 | 3.050 | 10.000 | ND | ppb | | PASS |
| IMIDACLOPRID | 10 | 1.860 | 10.000 | ND | ppb | | PASS |
| MYCLOBUTANIL | 10 | 2.900 | 10.000 | ND | ppb | | PASS |
| SPIROMESIFEN | 10 | 2.970 | 10.000 | ND | ppb | | PASS |
| TRIFLOXYSTROBIN | 10 | 1.560 | 10.000 | ND | ppb | | PASS |
| CYFLUTHRIN | 10 | 3.750 | 10.000 | ND | ppb | | PASS |

**Analyzed by:** 139, 1544, 1623
**Weight:** 0.5098g
**Extraction date:** 07/22/26 17:29:11
**Extracted by:** 795

**Analysis Method :** SOP.T.40.104.MA
**Analytical Batch :** NA029628PES
**Instrument Used :** NA-LCMS-001 (Pesticides)
**Analyzed Date :** 07/24/26 14:01:33
**Batch Date :** 07/21/26 17:29:03

**Dilution :** 12.5
**Reagent :** 072126.R11; 070626.R12; 071326.R05; 072126.R01; 071526.R01; 072126.R12; 072126.R13; 070926.R01; 071526.R02
**Consumables :** N05045C; 242011899; 2550528; 1009318699; 1011304115; 1009318600; MO0260205038; GD250006; EEN0002656; EEZ0004584
**Pipette :** NA-015 (P-10); NA-203 (P-200); NA-026 (Dispenser); NA-308 (P-1000); NA-136 (P-200)

Pesticide screen is performed using LC-MS and GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 9 Pesticides. (Method: SOP.T.40.104.MA - Pesticides and Mycotoxins Analysis via LC-MSMS and SOP.T40.154.MA - Volatile Pesticide Analysis vis GC-MSMS).

**Analyzed by:** 795, 735, 1544, 1623
**Weight:** 0.5098g
**Extraction date:** 07/22/26 17:29:11
**Extracted by:** 795

**Analysis Method :** SOP.T.40.154.MA, SOP.T.40.151.MA
**Analytical Batch :** NA029680VOL
**Instrument Used :** NA-GCMS-006 (Volatile Pesticides)
**Analyzed Date :** 07/24/26 15:14:37
**Batch Date :** 07/23/26 11:10:56

**Dilution :** 12.5
**Reagent :** 072126.R11; 070626.R12; 071326.R05; 072126.R01
**Consumables :** N05045C; 242011899; 2550528; 1009318699; 1011304115; 1009318600; MO0260205038; GD250006
**Pipette :** NA-015 (P-10); NA-203 (P-200); NA-026 (Dispenser); NA-308 (P-1000); NA-136 (P-200)

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

## Microbial

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| TOTAL COLIFORMS | 1000 | 10 | 10 | ND | cfu/g | | PASS |
| TOTAL VIABLE AEROBIC BACTERIA | 100001 | 10 | 10 | 39600 | cfu/g | | PASS |
| BILE TOLERANT GRAM NEGATIVE BACTERIA | 1000 | 10 | 10 | ND | cfu/g | | PASS |
| TOTAL YEAST AND MOLD | 10000 | 100 | 100 | 580 | cfu/g | | PASS |
| ESCHERICHIA COLI SPECIFIC GENE | 2000 | 2000 | 2000 | Not Present | pass/fail | | PASS |
| SALMONELLA SPECIFIC GENE | 10000 | 10000 | 10000 | Not Present | pass/fail | | PASS |

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Classification: Raw Plant Material
Type: Trim

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Franklin, MA, 02038, US
**License # :** MC281517

**Sample: NA60721012-007**
**Batch #:** RTZ 5.23 7.1.26
**Seed to sale:** 1A40A0300008981000058994

**Ordered:** 07/21/26
**Sampled:** 07/21/26
**Completed:** 07/29/26

**PASSED**

## Microbial

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|

**Analyzed by:** 870, 990, 1623
**Weight:** 0.9802g
**Extraction date:** 07/22/26 09:20:18
**Extracted by:** 388,711

**Analysis Method :** SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA
**Analytical Batch :** NA029616MIC
**Instrument Used :** NA-PCR-001 (Microbial)
**Batch Date :** 07/21/26 17:04:45
**Analyzed Date :** 2026-07-28 14:13:28, 2026-07-28 14:13:28, 2026-07-28 14:13:28

**Dilution :** 900
**Reagent :** N/A
**Consumables :** 418325238F; 8847202-2441; PG1821; 601537; DMAX12K25S; 2550528; 024603; 009604; 5910915; 13235252609; X002BSDL8D; MKDB6516; 260126001; 21124; 250909; 0002734; 0002680; 7589004056; WO4870; WO4699; WO5125; 0002284; 0002285; 0002676; 0001425; 0002261; WO5170; WO4316; WO3882; WO4135; 7812001012; 0002506; 0002507; WO5078; WO4964; 0002304; 0002510; 0000659802; 0000659773; 0000658588; 1011196575; 1010204253; 1011015956; 1011151661
**Pipette :** NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-003 (P-10 multi, micro); NA-006 (P-200, micro); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-355 micro bottle top dispenser

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.056C.MA) If a pathogenic Escherichia Coli or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

## Mycotoxins

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| AFLATOXIN B1 | 20 | 2.010 | 5.000 | ND | ppb | | PASS |
| AFLATOXIN B2 | 20 | 1.955 | 5.000 | ND | ppb | | PASS |
| AFLATOXIN G1 | 20 | 1.823 | 5.000 | ND | ppb | | PASS |
| AFLATOXIN G2 | 20 | 2.100 | 5.000 | ND | ppb | | PASS |
| OCHRATOXIN A | 20 | 2.194 | 5.000 | ND | ppb | | PASS |
| TOTAL AFLATOXINS | 20 | 1.820 | 5.000 | ND | ppb | | PASS |

**Analyzed by:** 139, 1544, 1623
**Weight:** 0.5098g
**Extraction date:** 07/22/26 17:29:11
**Extracted by:** 795

**Analysis Method :** SOP.T.40.104.MA
**Analytical Batch :** NA029679MYC
**Instrument Used :** NA-LCMS-001 (MYC)
**Batch Date :** 07/23/26 11:10:49
**Analyzed Date :** 07/24/26 13:57:41

**Dilution :** 12.5
**Reagent :** 072126.R11; 070626.R12; 071326.R05; 072126.R01; 071526.R01; 072126.R12; 072126.R13; 070926.R01; 071526.R02
**Consumables :** N05045C; 242011899; 2550528; 1009318699; 1011304115; 1009318600; MO0260205038; GD250006; EEN0002656; EEZ0004584
**Pipette :** NA-015 (P-10); NA-203 (P-200); NA-026 (Dispenser); NA-308 (P-1000); NA-136 (P-200)

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.

## Heavy Metals

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|
| ARSENIC | 200 | 6.720 | 10.000 | 10.353 | ppb | | PASS |
| CADMIUM | 200 | 9.260 | 10.000 | ND | ppb | | PASS |
| MERCURY | 100 | 3.400 | 5.000 | ND | ppb | | PASS |
| LEAD | 500 | 8.850 | 10.000 | ND | ppb | | PASS |

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105 Constitution Blvd
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**License # :** MC281517

**Sample: NA60721012-007**
**Batch #:** RTZ 5.23 7.1.26
**Seed to sale:** 1A40A0300008981000058994

**Ordered:** 07/21/26
**Sampled:** 07/21/26
**Completed:** 07/29/26

**PASSED**

## Heavy Metals

**PASSED**

| ANALYTES | LIMIT | LOD | LOQ | RESULT | UNIT | QUALIFIER | PASS/FAIL |
|---|---|---|---|---|---|---|---|

**Analyzed by:** 572, 1544, 1623
**Weight:** 0.2522g
**Extraction date:** 07/22/26 14:40:28
**Extracted by:** 1391

**Analysis Method :** SOP.T.30.084.MA, SOP.T.40.084.MA
**Analytical Batch :** NA029617HEA
**Instrument Used :** NA-ICPMS-001,NA-ICPMS-002,NA-340 Multiwave 7301 Digester
**Batch Date :** 07/21/26 17:05:37
**Analyzed Date :** 07/25/26 11:45:46

**Dilution :** 50
**Reagent :** 052626.09; 052626.10; 040726.02; 060226.R08; 070326.R03; 070224.01; 093025.03; 050526.06; 032726.01
**Consumables :** 13312; DMAX27B25S; 1011304115; GD250006; 0002279105
**Pipette :** NA-012 (P-200); NA-255 (10mL Dispensette, HCL); NA-362 (5 mL Bottle Top Dispenser, Nitric Acid); NA-363 (5 mL Bottle Top Dispenser, Water, HEA)

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.084.MA Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.084.MA Heavy Metals Analysis via ICP-MS.

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**Margaret Teasdale**
Lab Director

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