

CERTIFICATE OF ANALYSIS

PRODUCED: JUL 21, 2022

SAMPLE: OG KUSH BREATH - BUDS (FLOWER) // CLIENT: MJ VERDANT // BATCH: PASS


BATCH NO.: 1A405030001F979000002420
TEST PKG: 1A405030001F979000002446
SRC PKG: 1A405030001F979000002420
MATRIX: FLOWER
SAMPLE ID: CAM-220715-084
COLLECTED ON: JUL 15, 2022
RECEIVED ON: JUL 15, 2022
BATCH/SAMPLE SIZE: 7687 G / 38.51 G
SAMPLED BY: STEVEN MULLALLY
RECEIVED BY: STEVEN MULLALLY

CANNABINOID OVERVIEW

| | |
|----------------------------|----------------|
| THCA: | 11.2 % |
| Δ⁹-THC: | 0.08 % |
| TOTAL CANNABINOIDS: | 11.36 % |

CULTIVATOR INFO
CULTIVATOR
 MJ VERDANT

LICENSE
 AU-G-C-000520
 ADULT-USE - CLASS C MARIHUANA
 GROWER

BATCH RESULT: PASS

| | | | |
|------------------|---------------|-------------------|---------------|
| POTENCY | TESTED | PESTICIDES | PASS |
| FOREIGN | PASS | TERPENES | TESTED |
| METALS | PASS | WATER | PASS |
| MICROBIAL | PASS | | |

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD // JUL 20, 2022

| ANALYTE | LIMIT | AMT | AMT | LOD/LOQ (μg/g) | PASS/FAIL | ANALYTE | LIMIT | AMT | AMT | LOD/LOQ (μg/g) | PASS/FAIL |
|-------------|----------|------------|-----|----------------|-----------|--------------------------|----------|------------|-----|----------------|-----------|
| CBC | | ND | ND | 0.0517/0.172 | N/A | Δ⁸-THC | | ND | ND | 0.0578/0.193 | N/A |
| CBD | | ND | ND | 0.109/0.363 | N/A | Δ⁹-THC | 0.0786 % | 0.786 mg/g | | 0.102/0.34 | N/A |
| CBDA | | ND | ND | 0.142/0.474 | N/A | THCA | 11.2 % | 112 mg/g | | 0.0883/0.294 | N/A |
| CBDV | | ND | ND | 0.0673/0.224 | N/A | THCV | | ND | ND | 0.0699/0.233 | N/A |
| CBG | 0.0268 % | 0.268 mg/g | | 0.0576/0.192 | N/A | TOTAL THC ** | 9.90 % | 99 mg/g | | | N/A |
| CBGA | 0.0594 % | 0.594 mg/g | | 0.0328/0.109 | N/A | TOTAL CBD ** | | ND | ND | | N/A |
| CBN | | ND | ND | 0.0848/0.283 | N/A | | | | | | |

**** TOTAL THC = DELTA-8-THC + DELTA-9-THC + (THCA X 0.877)**
**** TOTAL CBD = CBD + (CBDA X 0.877)**
TRP-013: TERPENE ANALYSIS BY GC-MS // JUL 20, 2022

| ANALYTE | AMT (%) | LOD/LOQ (μg/g) | PASS/FAIL | ANALYTE | AMT (%) | LOD/LOQ (μg/g) | PASS/FAIL |
|--------------------------------------|---------|----------------|-----------|-----------------------------|---------|----------------|-----------|
| TOTAL TERPENES * | 1.108 % | | N/A | GUAIOL | ND | 0.5/1 | N/A |
| LIMONENE | 0.221 % | 0.5/1 | N/A | TRANS-β-OCIMENE | ND | 0.5/1 | N/A |
| α-HUMULENE | 0.132 % | 0.5/1 | N/A | ISOBORNEOL | ND | 0.5/1 | N/A |
| TRANS-CARYOPHYLLENE | 0.490 % | 0.5/1 | N/A | Δ³-CARENE | ND | 0.5/1 | N/A |
| LINALOOL * | 0.087 % | 0.5/1 | N/A | GERANYL ACETATE | ND | 0.5/1 | N/A |
| α-BISABOLOL | 0.086 % | 0.5/1 | N/A | γ-TERPINENE | ND | 0.5/1 | N/A |
| TRANS-NEROLIDOL | 0.024 % | 0.5/1 | N/A | EUCALYPTOL | ND | 0.5/1 | N/A |
| β-PINENE | 0.022 % | 0.5/1 | N/A | CIS-NEROLIDOL | ND | 0.5/1 | N/A |
| (1R)-ENDO-(+)-FENCHYL ALCOHOL | 0.019 % | 0.5/1 | N/A | CIS-β-OCIMENE | ND | 0.5/1 | N/A |
| α-PINENE | 0.014 % | 0.5/1 | N/A | CEDROL | ND | 0.5/1 | N/A |
| β-MYRCENE | 0.013 % | 0.5/1 | N/A | CARYOPHYLLENE OXIDE | ND | 0.5/1 | N/A |
| PULEGONE | ND | 0.5/1 | N/A | CAMPHOR | ND | 0.5/1 | N/A |
| ISOPULEGOL | ND | 0.5/1 | N/A | CAMPHENE | ND | 0.5/1 | N/A |
| (+)-FENCHONE | ND | 0.5/1 | N/A | α-TERPINENE | ND | 0.5/1 | N/A |
| SABINENE | ND | 0.5/1 | N/A | α-PHELLANDRENE | ND | 0.5/1 | N/A |
| SABINENE HYDRATE | ND | 0.5/1 | N/A | α-CEDRENE | ND | 0.5/1 | N/A |
| TERPINOLENE | ND | 0.5/1 | N/A | VALENCENE | ND | 0.5/1 | N/A |

* BEYOND SCOPE OF ACCREDITATION

THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL WITHOUT APPROVAL FROM CAMBIUM ANALYTICA. THE RESULTS HEREIN RELATE ONLY TO THE SAMPLE & BATCH IDENTIFIED IN THIS REPORT.

SAMPLED IN ACCORDANCE TO SMP-SOP-001 // SAMPLING PROCEDURE.

REGULATORY COMPLIANCE TESTING

RESULTS CERTIFIED BY: VERNON LALONE
LABORATORY DIRECTOR, CAMBIUM ANALYTICA
JUL 21, 2022

RESULTS CERTIFIED BY: DOUGLAS SMITH
CHIEF SCIENTIST, CAMBIUM ANALYTICA
JUL 21, 2022



PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // JUL 19, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|--------|------------|-----------------|-----------|
| CHLORFENAPYR | 1 µg/g | ND | 6.12/20.5 | PASS |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|------------------|----------|------------|-----------------|-----------|
| METHYL PARATHION | 0.2 µg/g | ND | 3.12/10.5 | PASS |

PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // JUL 21, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|----------------------|----------|------------|-----------------|-----------|
| ABAMECTIN | 0.5 µg/g | ND | 70.3/234 | PASS |
| ACEPHATE | 0.4 µg/g | ND | 16.6/55.2 | PASS |
| ACEQUINOCYL | 2 µg/g | ND | 28.6/95.5 | PASS |
| ACETAMIPRID | 0.2 µg/g | ND | 14.7/49.1 | PASS |
| ALDICARB | 0.4 µg/g | ND | 43.1/144 | PASS |
| AZOXYSTROBIN | 0.2 µg/g | ND | 10.6/35.5 | PASS |
| BIFENAZATE | 0.2 µg/g | ND | 25.5/85 | PASS |
| BIFENTHRIN | 0.2 µg/g | ND | 14.8/49.3 | PASS |
| BOSCALID | 0.4 µg/g | ND | 13/42.5 | PASS |
| CARBARYL | 0.2 µg/g | ND | 12.3/40.9 | PASS |
| CARBOFURAN | 0.2 µg/g | ND | 10.9/36.2 | PASS |
| CHLORANTRANIL-IPROLE | 0.2 µg/g | ND | 25/83.3 | PASS |
| CHLORPYRIFOS | 0.2 µg/g | ND | 25.1/83.7 | PASS |
| CLOFENTEZINE | 0.2 µg/g | ND | 20.5/68.3 | PASS |
| CYFLUTHRIN | 1 µg/g | ND | 39.4/131 | PASS |
| CYPERMETHRIN | 1 µg/g | ND | 28.2/93.9 | PASS |
| DAMINOZIDE | 1 µg/g | ND | 24.3/81 | PASS |
| DIAZINON | 0.2 µg/g | ND | 18.9/63.1 | PASS |
| DICHLORVOS | 1 µg/g | ND | 12.8/42.6 | PASS |
| DIMETHOATE | 0.2 µg/g | ND | 12.5/41.5 | PASS |
| ETHOPROPHOS | 0.2 µg/g | ND | 19.4/64.8 | PASS |
| ETOFENPROX | 0.4 µg/g | ND | 14.6/48.7 | PASS |
| ETOXAZOLE | 0.2 µg/g | ND | 13.8/45.9 | PASS |
| FENOXYCARB | 0.2 µg/g | ND | 20.3/67.8 | PASS |
| FENPYROXIMATE | 0.4 µg/g | ND | 44.7/149 | PASS |
| FIPRONIL | 0.4 µg/g | ND | 45.9/153 | PASS |
| FLONICAMID | 1 µg/g | ND | 22.6/75.3 | PASS |
| FLUDIOXONIL | 0.4 µg/g | ND | 11.2/37.3 | PASS |
| HEXYTHIAZOX | 1 µg/g | ND | 28.7/95.7 | PASS |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|------------------|----------|------------|-----------------|-----------|
| IMAZALIL | 0.2 µg/g | ND | 15.8/52.5 | PASS |
| IMIDACLOPRID | 0.4 µg/g | ND | 34.5/115 | PASS |
| KRESOXIM-METHYL | 0.4 µg/g | ND | 12.1/40.2 | PASS |
| MALATHION | 0.2 µg/g | ND | 15.9/53 | PASS |
| METALAXYL | 0.2 µg/g | ND | 17.9/59.5 | PASS |
| METHIOCARB | 0.2 µg/g | ND | 14.1/46.9 | PASS |
| METHOMYL | 0.4 µg/g | ND | 9.59/32 | PASS |
| MGK-264 | 0.2 µg/g | ND | 19.5/65.1 | PASS |
| MYCLOBUTANIL | 0.2 µg/g | ND | 20.1/66.9 | PASS |
| NALED | 0.5 µg/g | ND | 23.4/77.9 | PASS |
| OXAMYL | 1 µg/g | ND | 35.8/119 | PASS |
| PACLOBUTRAZOL | 0.4 µg/g | ND | 36.9/123 | PASS |
| PERMETHRIN | 0.2 µg/g | ND | 38.4/128 | PASS |
| PHOSMET | 0.2 µg/g | ND | 24.3/81.1 | PASS |
| PRALLETHRIN | 0.2 µg/g | ND | 37.8/126 | PASS |
| PROPICONAZOLE | 0.4 µg/g | ND | 41.2/137 | PASS |
| PROPOXUR | 0.2 µg/g | ND | 11.8/39.4 | PASS |
| PYRETHRINS | 1 µg/g | ND | 20.4/67.9 | PASS |
| PYRIDABEN | 0.2 µg/g | ND | 26.6/88.6 | PASS |
| SPINOSAD | 0.2 µg/g | ND | 5.99/20 | PASS |
| SPINOSAD A | | ND | 6.49/21.6 | N/A |
| SPINOSAD D | | ND | 2.45/8.14 | N/A |
| SPIROMESIFEN | 0.2 µg/g | ND | 14.9/49.6 | PASS |
| SPIROTETRAMAT | 0.2 µg/g | ND | 36.1/120 | PASS |
| SPIROXAMINE | 0.4 µg/g | ND | 12.5/41.6 | PASS |
| TEBUCONAZOLE | 0.4 µg/g | ND | 38.3/128 | PASS |
| THIACLOPRID | 0.2 µg/g | ND | 15.7/52.4 | PASS |
| THIAMETHOXAM | 0.2 µg/g | ND | 13.9/46.4 | PASS |
| TRIFLOXYSTROB-IN | 0.2 µg/g | ND | 19.1/63.5 | PASS |



TYM-014, TYM-028: TOTAL YEAST AND MOLD // JUL 18, 2022

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|--------------|--------------|-------------|-----------|
| YEAST & MOLD | 100000 CFU/g | 200 CFU/g | PASS |

COL-027: TOTAL COLIFORMS // JUL 18, 2022

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|-----------|------------|-------------|-----------|
| COLIFORMS | 1000 CFU/g | ND | PASS |

ASP-029: ASPERGILLUS SPP. // JUL 18, 2022

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|-----------------------|----------------------|-------------|-----------|
| ASPERGILLUS FLAVUS | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS FUMIGATUS | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS NIGER | Any amount in 1 gram | ND | PASS |

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|---------------------|----------------------|-------------|-----------|
| ASPERGILLUS SPP. | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS TERREUS | Any amount in 1 gram | ND | PASS |

SAL-030: SALMONELLA // JUL 18, 2022

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|-----------------|----------------------|-------------|-----------|
| SALMONELLA SPP. | Any amount in 1 gram | ND | PASS |

STEC-030: SHIGA TOXIN PRODUCING E. COLI // JUL 18, 2022

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
|-------------------------------|----------------------|-------------|-----------|
| SHIGA TOXIN-PRODUCING E. COLI | Any amount in 1 gram | ND | PASS |

MET-05: HEAVY METALS ANALYSIS BY ICP-MS // JUL 18, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|----------|----------|------------|-----------------|-----------|
| ARSENIC | 0.4 µg/g | ND | 0.0448/0.5 | PASS |
| CADMIUM | 0.4 µg/g | 0.001 µg/g | 0.0256/0.5 | PASS |
| CHROMIUM | 1.2 µg/g | ND | 0.0274/0.5 | PASS |
| COPPER | | 4.100 µg/g | 0.0446/0.5 | N/A |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/kg) | PASS/FAIL |
|---------|----------|------------|-----------------|-----------|
| LEAD | 1 µg/g | 0.002 µg/g | 0.0169/0.5 | PASS |
| MERCURY | 0.2 µg/g | 0.002 µg/g | 0.00439/0.05 | PASS |
| NICKEL | 1 µg/g | 0.018 µg/g | 0.0271/0.5 | PASS |

AWA-09: WATER ACTIVITY // JUL 18, 2022

| ANALYTE | LIMIT | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.481 Aw | PASS |

FOR-07: FOREIGN MATTER ANALYSIS // JUL 18, 2022

| ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|------------------|------------|---------|-----------|
| INORGANIC MATTER | Any amount | ND | PASS |
| ORGANIC MATTER | 2 % | ND | PASS |

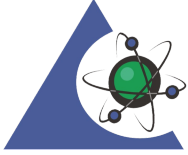
| ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|---------|-------|---------|-----------|
| STEMS | 5 % | 1.000 % | PASS |



ACCREDITATIONS



ILAC-MRA



ISO/IEC 17025

ILAC-MRA, PJLA ACCREDITED**PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS**

ABAMECTIN, ABAMECTIN BA, ABAMECTIN BB, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MGK-264, MALATHION, MALATHION A, METALAXYL, METHIACARB, METHOMYL, METHYL PARATHION, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PERMETHRIN, PERMETHRIN CIS, PERMETHRIN TRANS, PHOSMET, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS CINERIN I, PYRETHRINS CINERIN I-3, PYRETHRINS JASMOLIN I, PYRETHRINS JASMOLIN I-3, PYRETHRINS PYRETHRIN I, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACTOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

TRP-013: TERPENE ANALYSIS BY GC-MS

(+)-FENCHONE, (1R)-ENDO-(+)-FENCHYL ALCOHOL, CAMPHENE, CAMPHOR, CARYOPHYLLENE OXIDE, CEDROL, DELTA-3-CARENE, EUCALYPTOL, FENCHOL, GERANIOL, GERANYL ACETATE, GUAJOL, ISOBORNEOL, ISOPULEGOL, LIMONENE, NEROLIDOL, OCIMENE, PHELLANDRENE, PULEGONE, SABINENE, SABINENE HYDRATE, TERPINEOL 3, TERPINOLENE, VALENCENE, ALPHA-BISABOLOL, ALPHA-CEDRENE, ALPHA-HUMULENE, ALPHA-PHELLANDRENE, ALPHA-PINENE, ALPHA-TERPINENE, BETA-MYRCENE, BETA-PINENE, CIS-NEROLIDOL, CIS-BETA-OCIMENE, GAMMA-TERPINENE, TRANS-CARYOPHYLLENE, TRANS-NEROLIDOL, TRANS-BETA-OCIMENE

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD

CBD, CBDA, DELTA-9-THC, THCA, CBDV, THCV, CBG, CBGA, CBN, DELTA-8-THC, CBC, DELTA-8 + DELTA-9-THC, TOTAL CBD, TOTAL THC

MET-05: HEAVY METALS ANALYSIS BY ICP-MS

ARSENIC, CADMIUM, CHROMIUM, COPPER, LEAD, MERCURY, NICKEL

FOR-07: FOREIGN MATTER ANALYSIS

INORGANIC MATTER, ORGANIC MATTER, STEMS

PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS

CHLORFENAPYR, METHYL PARATHION

AWA-09: WATER ACTIVITY

WATER ACTIVITY

