Nova Analytic Labs Tomorrow's Testing $\boldsymbol{P}$ Today

## CERTIFICATE OF ANALYSIS

## CLIENT: TASTEFULLY BAKED // BATCH: PASS



BATCH NO.: TB - GORILLA CHEESE - $0324^{1}$
MATRIX: FLOWER ${ }^{1}$
SAMPLE ID: NAL-240314-002
COLLECTED ON: MAR 14, 2024
RECEIVED ON: MAR 14, 2024
SAMPLE SIZE: 4.8 G ${ }^{1}$
SAMPLED BY: JANELLE LAPLANTE
RECEIVED BY: TORI DANES

1 ENTERED BY CLIENT

## CANNABINOID OVERVIEW

| THCA: | $25.8 \%$ |
| :--- | :---: |
| CBGA: | $1.15 \%$ |
| TOTALCANNABINOIDS: | $27.6 \%$ |

BATCH RESULT: PASS

| POTENCY | TESTED |
| :--- | ---: |
| MICROBIAL | PASS |
| PESTICIDES | PASS |
| TERPENES | TESTED |

CAN.1: POTENCY \& CANNABINOID PROFILE BY HPLC-UV PREPARATION: MAR 15, 2024 // ANALYSIS: MAR 18, 2024

** TOTAL CBC $=($ CBDA $\times 0.877)+C B D$
** TOTAL THC $=($ THCAX 0.877$)+$ THC
Reported on an as received basis
$1000 \mu \mathrm{~g} / \mathrm{g}=1 \mathrm{mg} / \mathrm{g}$


AUTHORIZED BY:
ZACHARY SMITH LABORATORY MANAGER, NOVA

ANALYTIC LABS MAR 19, 2024


| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TOTAL TERPENES | $2.13 \%$ | $21.3 \mathrm{mg} / \mathrm{g}$ |  | N/A | FARNESENE |
| D-LIMONENE | 0.781 \% | $7.81 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | FARNESOL |
| $\beta-\mathrm{MYRCENE}$ | 0.607 \% | $6.07 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | FENCHONE |
| $\beta$-CARYOPHYLLENE | 0.265 \% | $2.65 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | y-TERPINENE |
| $\beta$-PINENE | 0.107 \% | $1.07 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | GERANIOL |
| GUAIOL | 0.0980 \% | $0.980 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | GERANYL ACETATE |
| $\boldsymbol{\alpha - H U M U L E N E ~}$ | 0.0882 \% | $0.882 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | ISOBORNEOL |
| ENDO FENCHYL ALCOHOL | 0.0738 \% | $0.738 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | ISOBORNYL ACETATE |
| TERPINEOL | 0.0556 \% | $0.556 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | ISOPULEGOL |
| a-PINENE | 0.0541 \% | $0.541 \mathrm{mg} / \mathrm{g}$ | $0.151 / 0.302$ | N/A | LINALOOL |
| BORNEOL | < LOQ | $<\mathrm{LOQ}$ | $0.151 / 0.302$ | N/A | M-CYMENE |
| (-)-VERBENONE | ND | ND | $0.151 / 0.302$ | N/A | MENTHOL |
| 2-PIPERIDONE | ND | ND | $0.151 / 0.302$ | N/A | MENTHONE |
| $\alpha-$ BISABOLOL | ND | ND | $0.151 / 0.302$ | N/A | NEROL |
| a-CEDRENE | ND | ND | $0.151 / 0.302$ | N/A | O-CYMENE |
| a-PHELLANDRENE | ND | ND | $0.151 / 0.302$ | N/A | OCTYL ACETATE |
| $\alpha-T E R P I N E N E$ | ND | ND | $0.151 / 0.302$ | N/A | P-CYMENE |
| a-THUJONE | ND | ND | $0.151 / 0.302$ | N/A | PHYTANE |
| CAMPHENE | ND | ND | $0.151 / 0.302$ | N/A | PIPERITONE |
| CAMPHOR | ND | ND | $0.151 / 0.302$ | N/A | PULEGONE |
| CARVACROL | ND | ND | $0.151 / 0.302$ | N/A | SABINENE |
| CARYOPHYLLENE OXIDE | ND | ND | $0.151 / 0.302$ | N/A | SABINENE HYDRATE |
| CEDROL | ND | ND | $0.151 / 0.302$ | N/A | SAFRANAL |
| CIS- $\boldsymbol{\beta - O C I M E N E}$ | ND | ND | $0.151 / 0.302$ | N/A | TERPINEN-4-OL |
| CITRAL | ND | ND | $0.151 / 0.302$ | N/A | TERPINOLENE |
| CITRONELLOL | ND | ND | $0.151 / 0.302$ | N/A | THYMOL |
| D-CARVONE | ND | ND | $0.151 / 0.302$ | N/A | TRANS- $\boldsymbol{\beta}$-OCIMENE |
| $\Delta^{3}$-CARENE | ND | ND | $0.151 / 0.302$ | N/A | VALENCENE |
| E-NEROLIDOL | ND | ND | $0.151 / 0.302$ | N/A | Z-NEROLIDOL |
| EUCALYPTOL | ND | ND | $0.151 / 0.302$ | N/A |  |


| AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
| :---: | :---: | :---: | :---: |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |
| ND | ND | $0.151 / 0.302$ | N/A |

PST.2: PESTICIDES, INSECTICIDES, FUNGICIDES AND GROWTH REGULATORS BY LC-HRMS PREPARATION: MAR 15, 2024 // ANALYSIS: MAR 15, 2024
ANALYT
ABAMECTIN
ACEPHATE
ACEQUINOCYL
ACETAMIPRID
ALDICARB
AZOXYSTROBIN
BIFENAZATE
BIFENTHRIN
BOSCALID
CARBARYL
CARBOFURAN
CHLORANTRANIL-
IPROLE
CHLORFENAPYR
CHLORPYRIFOS
CLOFENTEZINE
CYFLUTHRIN
CYPERMETHRIN
DAMINOZIDE
DIAZINON
DICHLORVOS
DIMETHOATE
ETHOPROPHOS
ETOFENPROX
ETOXAZOLE
FENOXYCARB
FENPYROXIMATE
FIPRONIL
FLONICAMID
FLUDIOXONIL
HEXYTHIAZOX
IMAZALIL
IMIDACLOPRID
KRETALAXYL
METHYL
MALATHION
MEXI
CI

| LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: |
| $500 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $2000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 844$ | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 422$ | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 422$ | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 422$ | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 422$ | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/422 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/422 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/422 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |

LIMIT AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) PASS/FAIL

| METHIOCARB | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| :---: | :---: | :---: | :---: | :---: |
| METHOMYL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| M G K-264 | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND |  | PASS |
| M G K-264 I |  | ND | $77.2 / 77.2$ | N/A |
| M GK-264 II |  | ND | 49.4/49.4 | N/A |
| MYCLOBUTANIL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| NALED | $500 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| OXAMYL | $\begin{array}{r} 1000 \\ \mu \mathrm{~g} / \mathrm{kg} \end{array}$ | ND | 127/422 | PASS |
| PACLOBUTRAZOL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| PARATHIONMETHYL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| PERMETHRIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND |  | PASS |
| PERMETHRIN CIS |  | ND | 54.4/54.4 | N/A |
| PERMETHRIN TRANS |  | ND | $72.2 / 72.2$ | N/A |
| PHOSMET | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| PIPERONYLBUTO- | 2000 | ND | $127 / 844$ | PASS |
| XIDE | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 127184 | PAS |
| PRALLETHRIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| PROPICONAZOLE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| PROPOXUR | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| PYRETHRINS | $\begin{array}{r} 1000 \\ \mu \mathrm{~g} / \mathrm{kg} \end{array}$ | ND |  | PASS |
| PYRETHRINS CINERIN I |  | ND | 84.3/84.3 | N/A |
| PYRETHRINS CINERIN II |  | ND | 86.1/86.1 | N/A |
| PYRETHRINS JASMOLIN I |  | ND | 68.4/68.4 | N/A |
| PYRETHRINS JASMOLIN II |  | ND | $53.2 / 53.2$ | N/A |
| PYRETHRINS PYRETHRIN I |  | ND | 392/392 | N/A |
| PYRETHRINS PYRETHRIN II |  | ND | 2321232 | N/A |
| PYRIDABEN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| SPINOSAD | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| SPIROMESIFEN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| SPIROTETRAMAT | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $127 / 127$ | PASS |
| SPIROXAMINE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| TEBUCONAZOLE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/169 | PASS |
| THIACLOPRID | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| THIAMETHOXAM | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |
| TRIFLOXYSTROB- | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 127/127 | PASS |

ANALYTE LIMIT AMT (CFU/g) LOD/LOQ (CFU/g) PASS/FAIL
YEAST \& MOLD 10000 CFU/g $1000 / 1000$ PASS

## NOTES

ZACHARYSMITH POTENCY \& CANNABINOID PROFILE BY HPLC-UV

MAR 19, 2024
THE STANDARD LAB UNCERTAINTY FOR POTENCY IS $5 \%$ OF THE REPORTED VALUE.

## PRODUCT IMAGES



> * FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.






## END OF REPORT

